File No.....

MYSORE GOVERNMENT SECRETARIAT

Notes Correspondence / Collecuon

Department.....Section.....

Subject :—

Earlier References :—

Later References :—

(Classification A / B / C)

Notes pages.....14+10 = 24 (PWD 42 MTB 61 Stores Regd

Correspondence pages...../35+52+[redacted]31 = 218

For/Not for Section note Book

To be destroyed after.....

K. T. Subbarayan Secy
For Under Secretary to 9/4/69.
Government.

NK
20/4/69.

Serial No.

Letter No.TIC-1157/TA1/703 dated 27-3-1961 fro the Chief Engineer, Irrgn. Projects, Munirabad.

D.O. letter No.1899/B-1/61-3 dated 30-3-1961 from Shri G.N. Pathak, Secretary, T.B. Board.

No.TIC/72014/TAi dated 30-3-1961 from the Chie Engineer, Irrigation Project, Munirabad.

D.O. No.4207-09 dated 1-4-61 addressed to S.E. H.E.C.P. M'bad and S.E. T.B. Hydro Ele. Scheme and copy endorsed to Secy. to Govt. PW&E.

Note No.1/61-62 from the Chairman T.B.Board dated 1st April, 1961.

(1) A draft D.O. letter to the Chairman, T.B. Boai is put up.

For approval and issue
lo
6/4/61 AS.

PWS) This was discussed by me
3) with C.E. (I.P.) and with the
C.E. M.S.E.B. at separate meetings
today pl.
4 Issue the F.C. in view of
the urgency (since the M. for P.W.D
is today out on tour) and
put up the file to the M. for P.W.D.

RG
6/4

5) The letter issued to Sri. Nok & Schulz
Chairman T.B. Board may kindly be perused
(Pages 43 Cf).

lo
11/4.61 S.S.

Minister PWDs
6)

13/4
H. K. VEERANNA GOWDA,
Minister for P. W. D. & Electricity.

13 April

Note.—Contn. Sheet

Serial No.

D.O. letter No. 43 dt. 7/4/61 from

xP 43.

Note dt. 9/61-62 dt. 10/4/61 from the Chairman TTBoard

1) Submitted with draft

xP 55-61

for sgl.

2) Ref. orders on the margins of f. 47 and 49 C.F.

3) 14/61

18/4/61.

4) Draw le n/y

Dispatched in No. P.W.D. 26 M.T.B. 61
Dated 26th April 61

Serial No.

3010
Elect.

Letter No. G 31-33, dated 6/4/61 from the C. E., Ste. C.p. — re:- power Development at Numinabandi Generating Station (Tungabhadra Left Bank)

10) The p.c.d is duly for information

11) The original letter dated 3/4/61 has been submitted to the Secy (Prof Elect) on 4/4/61 in the Appeal stage

D. S.)
17/4
18.4.61

12) For perusal.
BB
21/4

13) Pl. make a note of this in your Memorandum on the subject for discussion at the meeting of the T.B. Board on 7/5. This is a very important point we shd. raise on behalf of Mysore.

Yours
D. S. (I)

RG
24/4

Sri Bandiwad to speak to me
21/4

Note.—Contn. Sheet

4

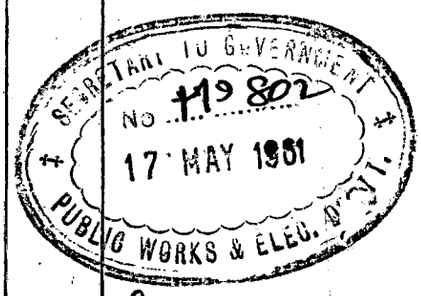
File No. of 196 . | Mysore Government Secretariat

Serial No.

15) This was discussed at the T. B. Board meeting on 7-5-'61 and 8-5-'61. please refer to the proceedings of the meeting, record today and reproduce the relevant extract here from those proceedings and put up to the Minister for P.H. and E.

RG 16/5

D. S. (I)



Extract from the First Meeting (1961-62) of the Tungabhadra Board - Minutes of the Proceedings.

===

IV/I/B-6. Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra waters during the Calendar year 1961 - Regarding.

The Member representing the Government of Mysore stated that the Planning Commission had suggested the utilisation of the Tungabhadra Waters for growing the Second crop in the Krishna delta subject to the condition that the quantity of water that would be supplied each year will be settled a year in advance and that the quantity of water would be gradually reduced as the development proceeds under the Tungabhadra Project.

Serial No.

2. The Board after some further discussion decided that the Secretary, Tungabhadra Board may convene a meeting of the Chief Engineers (Irrigation and Electricity) of the two States at an early date i order to prepare a working table for determining the surplus waters that may be released for growing the second crop in the Krishna delta during the year 1962 The Board also decided that in preparing the working table, needs of both Irrigation and Power under the Tungabhadra Project might be kept in view.

3. The Board further decided that the Government of Andhra Pradesh and Mysore be requested to intimate to it the ayacut under the pre-moghol channels, Rajolibanda and K.C. Canals and the Krishna delta (Second crop) for the last seven years.

4. The Board further decided that the views of th Chief Engineers be placed before it at its next meeting. "

17) Reference para. 15 ante. The may be submitted to Minister for PW & E for perusal of the decision of the TB. Board above Refer para 15 above.

18) 17/5/61

For kind perusal of Hon'ble Minister PWD

18/5/61

SECRETARIAT NO. 17 SEC. 19 MAY 1961 PUBLIC WORKS & ELEC. DEPTT.

Serial No.

(19) We will have to take very firm stand in respect of the release of waters from the Tungabhadra Reservoir to the Krishna delta for irrigating certain Districts in Andhra Pradesh. According to the present agreement, these areas are excluded from the area to be irrigated by the Tungabhadra Reservoir. On two occasions the Tungabhadra Board has unilaterally released waters to the Krishna delta without obtaining prior concurrence of the Mysore Government. This was objected to by us very seriously as it affected the availability of water both for irrigation and power in the areas covered by the Tungabhadra Project.

20) Although it is understood that the release of water to the Krishna delta will only be the surplus waters which are not required for the project proper and although the quantity of water to be supplied would depend upon the availability of water and although it has been agreed that these annual requests will not be treated as precedents for getting regular supply of water from the reservoir and giving any claims, it is seen that in actual practice since the year 1953, the Andhra Pradesh Government has been regularly drawing water from the reservoir for this purpose. In the current year, we had to face a crisis when the level of the reservoir had gone down below R.L.1609 which is the optimum level required for maintaining power generation of 34,000 K.W. on the right bank.

21) At the last meeting of the Tungabhadra Board, this position was explained and the views of the Mysore Government communicated to the Board. It has now been agreed that a working table for determining the surplus waters should be prepared one year in advance,

WD 07273—GPB—PZS—8,00,000—1960

Serial No.

that is to say, immediate arrangements will be made now for preparing the table for the year 196

22) This is placed for the Minister's informati o
It is likely that this subject which is of a very highly controversial nature may arise from year to year. We should be quite clear in our minds that we will not concede any power cut on the Mysore side because of the needs of additional areas of irrigation in Andhra Pradesh.

20/6.
Seen PWD

M (P.W. & E.)

21/6

SECRETARIAT No. 4.2802 20 JUN 1961 PUBLIC WORKS & ELEC. DEPT.

1577 1961 ELECTRICITY

21 JUN 1961 PUBLIC WORKS & ELEC. DEPTT.

23) The result of the CE's' meeting may be ascertained from the CE DP.

21/6

Mysore Government Secretariat

File No. 4663/M of 1961.

[App. F. III 2

Serial No.

× xplctn

× Letter No 1599/B-1/61-8 dt 13-5-61 from the Secy. T.B. Board.

2) submitted with a draft for appl

23/5/61 3) The Board letter placed below is for perusal. The draft letter to the CE's placed below is for consideration. The ayacut under the pre-mog channels and the water requirements thereof have a bearing on the Mysore Govt's case for the proposed sharing of the Tungabhadra waters at Mallapuram with reference to the contemplated utilisation of the Tungabhadra project as a whole inc the right side low level canal, the high level canal and the left bank canal. Hence ~~the~~ details the ayacut ~~area~~ and the water requirements under the pre-mogha channels will have to be got ~~be~~ examined thoroughly and then sent to the Board. The draft is therefore suitably modified and it is for approval. After cosing, this will

9

PWD File No. 4663/org-61 of 19..

Mysore Government Secretariat

Serial No.

put up with the relative previous papers as desired referred to D.S.D also for perusal and remarks

23/5/61.

2) Issue of papers to Addl

Despatched In No. P.W.D. 4663/org 61

Dated ....27/5/61.....

Resubmitted after issue of para 3 of the main papers on the subject have been submitted to Hon'ble P.W.D.E. for perusal of the minutes of the last Board meeting relating to the subject

2) for 7/0 remarks

27/5/61

27/5/61

27/5/61

2) There is enough water for the ayacut of T. Bhadra Project as has developed. Therefore there is no need for any working table for the sake of T.B. Project as such. The need has come only because A.P. has

Serial No.

been demanding water for areas not contingent on T.B. Project. Therefore it is necessary to know first where & on how much area they want the water. Without knowing any thing of the sort it is not understood why we are being asked to furnish the figures of Pre-Mayhul channels. Both the area & requirements & water on these channels reached a settled stage long back & are well-known. Such being the case there is no need for the present query unless the intention is to start a dispute thereon. We must not allow any such development. On the contrary we must maintain the prescriptive right to utilise the waters as per the age old practice. It is when we might effect savings, the same by improving the channels etc the savings could be utilised by Mysore for additional intention. T.B.P. Adviser may please be omitted also.

A

D.S. (I)

8/6/61

S. [illegible]
Chief Engineer
Public Works Department

11

File No. 4663/WR of 195 .

Mysore Government Secretariat

Serial No.

30) Resubmitted. In view of the above proposal, this may be submitted to Adviser (WD).

15/6/61

31) Adviser-ji may kindly see for remarks

15/6/61.

16/6.

Adviser-ji

OFFICE OF THE ADVISER & ADDITIONAL SECRETARY TO GOVT. P.W.D.
No. AWD 126
16 JUN 1961

32) 9) The Chief Engineer, Irrigation Projects, and the Chief Engineer, Mysore State Electricity Board, met the Adviser on 9-6-1961 on this issue. The Officer on Special Duty was also present. Adviser made the following observations and asked the two Chief Engineers to take this stand at the Board Meeting.

"The working table that has been prepared is not realistic. The realistic working table will be the one that should be ~~prepared sometime in December or January~~ every year to ascertain what exactly is the surplus that will be available ~~for~~ in the reservoir for any supply required for the second crop in the Krishna delta. It must also be remembered that the Nagarjunasagar Dam has come up and can ~~store water. If this is done, it will~~ considerably relieve the need to supply water from Tungabhadra. So the working table now prepared cannot be realistic. The proper thing is first to get the ~~Andhra Pradesh Krishna Delta Second Crop~~ Irrigation Requirements, i.e.

~~(1) the area that they are going to~~ irrigate for the second crop;
~~(2) the average duty that is normally~~ applicable to that season;
(3) the transmission losses from the Tungabhadra Reservoir upto the delta head;

and deduct from the total of these the natural flows in the Krishna River during that period i.e. from January or February to June plus the undepleted storage in

WD 04700—GPB—PZS—8,00,000—1958

Serial No.

the Nagarjunasagar Dam at the time. The above particulars should be prepared by the Andhra Pradesh Chief Engineer and furnished sometime in December or January so that the Chief Engineer, Irrigation Projects, Munirabad, would be able to ~~prepare~~ prepare the working table of t reservoir for the period January to June, who will take into account the irrigation requirements under the Tungabhadra Reservoir in the right and the left bank canals plus the require ments for power production and that part of the discharge through the power turbines that will go into the river which will ultimately reach the delta. Taking all these into consideration, he will prepare the working table which will show the actual surplus available in the reservoir for utilisation elsewhere. And this is the only correct way and the only method which we agree to settle this question. We are not prepared to discuss this working table and the note that leads to that working table. We do not agree to many of the detailed figures given in the note. For example, K.C. Canal irrigation is stated to be 3.00 lakh acres. It is certainly not correc The pre-existing irrigation is not even 1.00 lakh acres in the canal. The lowest level in th lake for power production is plus 1609 and 1609 must remain till the inflow into the reservoir about the end of May. So the Tungabhadra Worki Table that will be prepared every year in the month of January for determining the surplus for the year for the second crop will be subjec to the condition that on the 20th of May, the level should be 1609 and not below this. Also the various figures given in the note conflicts with the stand that Mysore Government is taking with regard to the utilisation of the Tungabhad waters and the Mysore Stand regarding the pre-existing irrigation requirements. Therefore we will not discuss this matter as it goes into the vital question of sharing water. This note and the working table cannot be accepted."

~~Copyies~~

Copies of the above observations have been given to the two Chief Engineers for taking the above stand at the Board meeting.

16.6.61

M. V. T. IYENGAR,
Techl. Asst. & Ex-Officio
By. Secy. to Govt., PW & E. Dept.

Deputy Secretary (Irrigation)

VBR 23/6/61

33 ~~to~~ Submn. Head ~~to~~ to save & ante. The del ~~of~~ the CE's meeting may be worked. perusal with my

23/6/61

etc.—Contn. Sheet 23/6/61

with 6681/MG

13

PWD File No. 26 MTB of 196 | Mysore Govern Secretari

Serial No.

34) Resubmitted with ref to para 23 ante. The draft may be addressed as per the draft put up for appl

SO2 27/6/61

35) Issued 27/6

Despatched in No. P.W.D. 26 M.T.B. 61
Dated 30th June 61
Cr

27/6/61

5. Letter No 9832 | B.1 | 61 -2 dt 1/2/62 (35)
from the Secy - TB Board.

6. Letter No 9832 | B.1 | 61 -4 dt 1/2/62 from the Secy TB Board.

36) Submitted for perusal

SO2 5/2/62

This may be referred to O.S.D as desired by him (36)

5/2/62 O.S.D)

SECRETARY TO GOVERNMENT
No. MTB
17 APR 1962
PUBLIC WORKS & BUILDINGS

MYSORE GOVERNMENT SECRETARIAT
No. L.O. 836
7 FEB 1962
P.W.D. (BUILDING SECTION)

V/BB 17/4

6.2.62
D.S. PWD(I)

WD 07275—GPB—PZS—8.00.000

next pg

14

PWD 26 MTB 61

Mysore Government Secretariat | File No. of 195 . | [App. F. III 2

Serial No.	
37)	Files may be closed as 'B' Bs 22/11/68 M/71

C. F. No. 45]

GOVERNMENT OF MYSORE

Telegram / phone

OFFICE OF
THE CHIEF ENGINEER, PWD.,
Irrigation Projects,
MUNIRABAD.

No. TIC-1157/TA1/703 / 2
Encl.

Date 27-3-1961

To

The Chief Engineer,
Irrigation Branch, T.B.Board,
Tungabhadra Dam Via: HOSPET

MYSORE SECRETARIAT TAPPAL SECTION 31 MAR 1961 PUBLIC WORKS DEPARTMENT
GOVERNMENT SECRETARIAT NO 3318 PUBLIC WORKS MAJOR

Sir,

Sub:- Water level in the lake Reg.

In enclosing herewith a copy of letter No.DB/ST/F.32 (a) 1969/61 dated 25.2.1961 received from the Superintend Engineer, Hydro-Electric Scheme Tungabhadra Dam regarding the regulation of water, I request you to take suitable action in the matter. A copy of letter No.117/2735 dated 18.3.1961 received from Superintending Engineer, Hydro-Electric Construction - Projects, Munirabad indicating the requirements of water, for the generation of power on the left bank is also enclosed for needful. I request you to let this office know the action take at an early date

Yours faithfully,

Sd/-

CHIEF ENGINEER,
IRRGN.PROJECTS.

Va/ 21.3.

Copy with copies of enclosures is forwarded to the Secretary to Government, Public Works Department, Mysore-Bangalore for kind information. A detailed report in this regard will be furnished after the reply from Chief Engineer, Tungabhadra Board is received.

Chief Engineer,
Irrgn.Projects.

22/3

the Superintending Engineer, Tungabhadra H.E.Scheme, Tungabhadra Dam, P.O. addressed to the Superintending Engineer, Irrigation Branch, T.B. Board, Tungabhadra Dam.

- oOo -

Sub:- Water level in the lake - regarding.

In continuation of this office letter No.DB/ST.F.32(a) 1452/ dated 8.2.'61 and further to your reply thereon I write to observe that the level of water in the lake this day (25.2.'61) is 1620.9 as against 1622 of last year. During the course of our discussion it was agreed that you will take actinn to keep up the level of 1609 which is minimum level required for the generation of 32,000 k.w. between the 2 stations. The level today is also falling short of the expectation in chart 2, where it is hoped that the level of 1609 could be maintained on 15th June,1961. I would therefore request you kindly to see the best that you could do as there is power shortage not only in the Mysore State but throughout Andhra Pradesh also on account of failing rains during the last season.

In this connection, I was informed by your Executive Engineer that you are making certain arrangements to increase the discharge in the river on account of demand of extra water for Irrigation purposes. As the existing circumstances by themselves dost give us the hope of maintaining the level required for full power generation. It may not be correct to let out more water at the cost of power generation. During my stay at Hyderabad I discussed the matter with our Chief Engineer and he is also of opinion that we must be able to maintain and to generate as much power as possible on account of power shortages from other sources. I have also requested him to address the Chief Engineer Civil, Tungabhadra Board Kindly to see that suitable action is taken not to deplete the water in the reservoir to affect the power generation. As could be seen from records I want to impress again the water to be let out for the second crop at Krishna delta is only to be limited to the maximum possible without affecting the

power and other requirements in the canals on both the sides, As the power generation and the supply of power is based on the perfentage of generation to Mysore State and Andhra Pradesh. I have to point out that it will seriously affect the power requirements of Mysore.I am once again addressing the Chief Engineer, in this connect and I would request you kindly to see that the discharge may be suitably regulated to facilitate meeting the full load during the summer months.

Thanking you,

Yours faithfully,

Sd/-
Superintending Engineer,
Tungabhadra Hydro electric Scheme

COPY to Chief Engineer,Electricity Projects,Andhra Prades
Hyderabad-Dn. for kind information in continuation o
my discussion with him during my stay at Hyderabad.
is understood that Superintending Engineer,Irrigatio
T.B.Board, T.B.Dam has got information from Vizayaw
requesting for letting down 7000 cusecs. The period
not know. As it is we are coming down by 0.2 feet
every-day and even if the existing discharge is
continued by the end of April'61, we will have reac
the level of 1608 which means that we could generat
not more than about 31,000 k.w. between the 2 stati
The condition would be very acute in the months of
May and June,1961 unless monsoon set in early.* He
once again requested kindly to address the concerne
Chief Engineers to consider the power requirements
also.

* With the increase in discharge
we will have to reach this
condition even during April
itself.

COPY to Chief Engineer,Irrigation Projects,Munirabad,for
kind information.

COPY ~~xxSx~~

Sd/-
(G.M.Krishna Murthi)
Superintending Engineer,
Hydro-Electric Scheme.

...

' Copy '

Tech.Asst. to Chief Engineer, P.W.D.
IRRIGATION PROJECTS,
MUNIRABAD. (S. RLY.)

Copy of letter No.117/21735-36 dated 18th March 196 from the Superintending Engineer (Electrical) Hydro-Elec Constructions Project, (Tungabhadra Dam, Left Bank) Munirabad (S.Rly), to the Chief Engineer, PWD, Irrigatio Projects, Munirabad.

REGULATION OF TUNGABHADRA RESERVOIR LEVEL.

Further to the discussion we had regarding the regulation of Tungabhadra Reservoir level, keeping in view the operation of the Dam side power plant on the left bank, Munirabad, as desired by you, I wish to confirm that the generating units are expected to operate under a normal head of 65' to generate 9,000 KW., ~~with~~ with variation in net head from 77' (maximum) to 45'. The net head is with reference to minimum tail race water of 1556.00 and maximum tail race water of 1564.00. Taking the maximum tail race water to be 1564.00 at the minimum reservoir level the minimum operating head will and as such the minimum reservoir level required would b 1609.00, just before the inflow of fresh water.

However, during this season of low water level, we will be operating only one unit. As such, as long as approximately 1609.00 level is maintained in the Reservo at the time of inflow of water, we should be able to generate the minimum power that could be exepcted out of one unit. I would request you kindly to confirm the reservoir level that would be maintained during this per Any additional head would be to our advantage.

A copy of the working table may kindly be forwarded to this office for information.

/ COPY /

for Chief Engineer,
IRRIGATION PROJECTS.

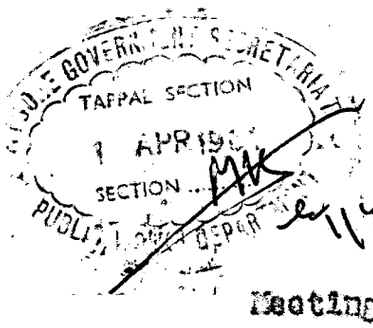
SHRI G. N. PATNAIK
SECRETARY.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT
MYSORE STATE

Dated 30-3-1961.

D.O. Letter No. 1869/B-1/61-3.

Dear Shri Narayana Rao,



Sub:- Irrigation--Krishna Delta--II Crop cultivation--Supply of Tungabhadra waters during the calender year 1961--Regarding.

It was decided by the Tungabhadra Board at its Fourt Meeting (1960-61) that waters might be let down from the Tungabhadra Reservoir for growing second crop in the Krishna Delta on the following conditions:-

(a) The quantity of water to be supplied would depend upon its availability and the Government of Andhra Pradesh would pay charges for the waters utilised as in previous years.

(b) This will not be treated as a precedent for getting supplies of waters from the Tungabhadra Reservoir in future and will not create any claim whatsoever.

2. Accordingly, the Superintending Engineer, Irrigation Branch released water from the Tungabhadra Reservoir in the month of January, February and March 1961. The Member representing the Government of Andhra Pradesh requested the Tungabhadra Board in his letter No. CC/E./ER/61 dated 11-3-1961 to release 7,000 cusecs from the Tungabhadra lake upto 1-4-1961 and reduce it thereafter to 6,000 cusecs. The following table will indicate the waters supplied from the Tungabhadra Reservoir for raising second crop in the Krishna Delata during this year.

Period.	Water in cusecs released in the river.
January 1 to 10	1005
11 to 20	2400
21 to 31	4900
February 1 to 10	5500
11 to 20	3600
21 to 31	4040
March 1 to 10	5370
11 to 20	3660
21 to 31	4060

3. The Member representing the Government of Andhra Pradesh on the Board requested the Chairman, Tungabhadra Board to arrange to let down 7,000 cusecs of water from 28th March to 3rd April 1961 and to reduce thereafter to 5,000 cus inter order to save the standing crop in the Krishna Delt . The Chairman, Tungabhadra Board has issued instructions to let down water as per the request made by the Member representing the Government of Andhra Pradesh on the Board. The effect of the release of water to the Lake level will be as follows:-

Date	Lake Level.
6-4-1961	1611.00
16-4-1961	1607.18
20-4-1961	1603.55
1-5-1961	1604.75
20-5-1961	1601.24
1-6-1961	1598.70
10-6-1961	1595.38

On the 15th June the levels of the Lake were 1599.80, 1615.40, 1594 and 1598.7 during the years 1957, 1958, 1959 and 1960 respectively. It may be seen that the level of the lake on the 15th June 1961 after complying with the request of the Member representing the Government of Andhra Pradesh on the Board

With regards,

Yours sincerely,

SD/- G.N. PATHAK).

Shri M.V. Narayana Rao,
Chief Engineer,
Hydro Electric Construction Projects,
B A N G A L O R E.

Copy is forwarded to:-

(i) the Secretary to the Government of Andhra Pradesh, Public Works Department, Hyderabad.

✓ (ii) the Secretary to the Government of Mysore, Public Works Department, Bangalore.

(iii) the Irrigation Adviser and Consulting Engineer to the Government of Andhra Pradesh, Hyderabad.

(iv) the Chief Engineer, Irrigation Branch, Tungabhadra Board.

(v) the Chief Engineer for Electricity, Tungabhadra Board.

(vi) the Chief Engineer, Irrigation Projects, Munirabad.

(vii) the Chief Engineer, Irrigation, Andhra Pradesh, Hyderabad.

(viii) the Superintending Engineer, Irrigation Branch, Tungabhadra Board.

(ix) the Superintending Engineer, Hydro Electric Scheme, Tungabhadra Board.

(x) the Superintending Engineer, Hydro Electric Construction Projects, Munirabad.

30/3/67

Secretary,
Tungabhadra Board.

30/3

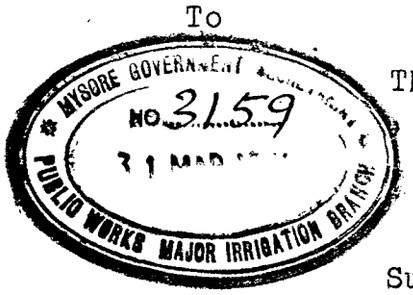
GOVERNMENT OF MYSORE.

URGENT.

Office of the Chief Engineer, PWD.,
Irrigation Projects,
Munirabad.

No. TIC/7204/TA1 Dated :- 30-3-1961.

To



The Secretary to the Govt. of Mysore,
Public Works Department,
" Vidhana Soudha ",
BANGALORE.

Sub :- Regulation of Tungabhadra Reservoir regarding water level of Lake.

Ref :- This office No. TIC/1157/58/702-3/TA dated 27-3-1961.

Sir,

In continuation of this office letter under reference, I forward herewith a copy of reply received from the Chief Engineer, Tungabhadra Board. Keeping in view the requirements for irrigation and power on both flanks, the Chief Engineer, Tungabhadra Board had decided to allow for the 2nd crop under - Krishna Delta 5,000 cusecs upto 1st April, 1961 and 1,000 cusecs upto 16th April.1961 by which time the second crop is expected to mature. With this discharge in the river and the draw off for irrigation in the Canals, the reservoir level on 16th June, 1961 will come down to R.L. 1600.22 (vide Regime Table enclosed) against R.L. 1609.00 as required for Power Generation as per requirements of Electricity Department. Accordingly, arrangements were made for regulation of water.

But now the Chief Engineer, Tungabhadra Board has forwarded a copy of the Telegram received from the Chairman, Tungabhadra Board (copy enclosed) to let down 7,000 cusecs for one week and 5,000 cusecs thereafter. As per these orders of the Chairman, which are being

implemented, and allowing a discharge of 5,000 cusecs upto 15th April, 1961, the reservoir level will go down further to R.L. 1595.58 (vide Regime Table enclosed).

It may please be seen that with this depletion of the reservoir, the generation of power as anticipated will get affected by 11.5% on Board side, unless the position is eased by early rains. The matter may please be taken up with the Board and early instructions issued.

Yours faithfully,

30.3.61

Chief Engineer, PWD.,
Irrigation Projects,
Munirabad.

TELEGRAM DATED 28-3-1961 FROM THE CHAIRMAN, TUNGABHADRA BOARD, ADDRESSED TO THE CHIEF ENGINEER, IRRIGATION, TUNGABHADRA BOARD, MUNIRABAD.

KINDLY ARRANGE IMMEDIATELY TO LET DOWN SEVEN THOUSAND CUSECS OF WATER FROM TUNGABHADRA RESERVOIR TO SAVE STANDING CROPS IN KRISHNA DELTA (.) QUA TITY SHOULD BE REDUCED TO FIVE THOUSAND CUSECS AFTER ONE WEEK (.) THIS REFERS TO VENKATAKRISHNANS URGENT REQUEST TO SAVE STANDING CROPS.

CHAIRMAN TUNGABHADRA BOARD

/ Copy /

30/3

CHIEF ENGINEER,
IRRIGATION PROJECTS.

OFFICE OF THE CHIEF ENGINEER
(Irrigation Branch)
Tungabhadra Board, T. B. D A
Dated: 25th March, '61.

No: ~~68/61~~ 61/68 -CE. 607

To

The Secretary,
Tungabhadra Board,
Tungabhadra Dam.

Sir,

Subject: Irrigation - Krishna delta - II Crop cultivation - Supply of Tungabhadra waters - Regarding -

Reference: Your Memorandum No. 1699/B-1/61-1 Dated: 13-3-1961.

The T.B.Board in its fourth meeting (1960-61) held in November 1960 have decided to let down water from the Reservoir for the IInd crop under Krishna delta which reads as follows:- (Vide Resolution No.78 and item No.1 under special subjects).

i) The quantity to be supplied would depend upon its availability and the Government of Andhra Pradesh would pay charges for the waters utilized as in previous years.

ii) This will not be treated as a precedent for getting supplies of waters from the Tungabhadra Reservoir in future and will not create any claim whatsoever.

From the resolution it is very clear that water to the extent available, after meeting the requirements for Irrigation and Power would be let down from the Reservoir for the IInd crop under Krishna delta. From the register of discharges I find that the average discharge during February and March 1960 has been about 3700 cusecs and 3200 cusecs respectively. In as much as the area developed under T.B.Canals will be more this year than that under Irrigation last year, the quantity that could be spared will naturally get reduced. It follows that the area under the Krishna delta should proportionately be reduced year after year. On the contrary, I find that the demand for water this year is much more than what it was last year. Keeping in

view the present requirements for Irrigation and for power development and the inflow in the Reservoir, i is not possible to let down in the river more than 3200 cusecs as against a discharge of 5000 cusecs, a desired in your Memorandum referred to above. Howev from the records I find that 5000 cusecs have alread been given till 10-3-1961, thereafter 4000 cusecs til 16-3-1961 and now reduced to 3600 cusecs from 17-3-19 and this will be further reduced to 3200 cusecs and t same will be maintained till the end of March. Even w this it will be difficult to maintain a level of 1609.00 on 16-5-1961, required for power development, this year the inflow into the Reservoir is practicall negligible. Any further increase will be detrimental to the contemplated power development. I have asked the Superintending Engineer to work out the regime ta and the same will be sent to you shortly.

I had requested you in my letter No.68/CE/D/ Dated: 3-3-1961, to intimate the area actually irriga under the 2nd crop under Krishna delta, but so far I have not received the figures. I understood that t area irrigated is about 1½ lakh acres, and the crop raised is mainly ground-nut and for this including transmission losses about 1,800 cusecs is sufficient.

In the fitness of things, it would have been better if the quantity of water that could be let down from the Reservoir without impeding power development and irrigation was assessed before making any commitm

It is suggested that instructions regarding t supply of water, are routed through this office, else

else it will not be possible to have an efficient control on the regulation of water.

Yours faithfully,

Sd/-

(M. A. SUBHAN KHAN)
Chief Engineer,
(Irrigation Branch) T. B. Board

Copy
Ahmadu Mirza Lithal
30/3
Chief Engineer.
Irrigation Projects
Nowshahad

STATEMENT SHOWING THE LEVEL AND THE CAPACITY OF TUNGABHAD

BASED ON THE DIC

T.

Sl.No.	Date.	Forecast Reservoir level.	Reservoir capacity in M. C.Ft.	Corres-ponding Reservoir level in year 1960.	DETAILS OF DRAW OFF FROM T		
					Draw for irrign. in cusec.	Flow to the River from Reservoir.	Evapora tion losses.
1	2	3	4	5	6	7	8
1.	27-3-61	1614	68384	--	3600	4200 *	800
2.	1-4-1961	1612.61	64758	1614.70	3600	200	800
3.	16-4-1961	1610.32	59069	1611.80	3600	-	800
4.	16-5-1961	1605.72	48795	1607.70	3600	-	800
5.	15-6-1961	1600.22	38458	1608.6	-	-	-
			29926				

REMARKS

Sl.No. Col.No.7 * :- 4200 + 700 from Low Le

Sl.No.2 Col.No.7 * :- 200 + 800 as above

RESERVOIR FROM 27-3-1960 to 15th June, 1960

RGES PROPOSED BY CHIEF ENGINEER

OARD.

***

RESERVOIR Total of Col.6 to 8.	Total draw of in Mcft.	Average in flow in Mcft.	Net cut flow from the Reservoir Mcft. Col.10-11.	Balance Qty.in Mcft.in the Reservoir Col.4-12	Corresponding Reservoir level.	Remarks.
9	10	11	12	13	14	15
8600	3716	90	3626	64758	1612.61	
4600	5962	273	5689	59069	1610.32	
4 400	11405	1131	10274	48795	1605.72	
4400	11405	1068	10337	38458	1600.22	29.7 M.W. gener against 32 M.
-	-	-	-	-	-	
	32488	2562	29926			

Canal and 100 from Left Bank Canal = 5000 Cusec.let down into river.

= 1000 Cusecs.

30.3.61

Chief Engineer, PWD.
Irrigation Projects
Munirabad.

Statement showing the level and the capacity of Tungabhadra Reservoir from 29.3.1961 to 15th June 1961 by allowing the discharges as per the directives of Chairman T.B.Board.

Sl.No.	Date.	Reservoir Level.	Reservoir Capacity in M.C.ft.	Irrigation Draw off in Cusecs.	Flow to the River in Cusecs.	Evaporation losses in Cusecs.	Total Draw off in Cusecs.	Total Draw off in Mcft.	Inflow in Mcft.	Net outflow in M.C.ft.	Balance capacity in Mcft.	Reservoir level.	Remarks.
1.	29-3-61	1613.60	67290.	3600.	7000.	800.	11,400.	6,895.	127.	6,768.	60522.	1611.0	
2.	5-4-61	1611.0	60522.	3600.	5000.	800.	9,400.	8,934.	200.	8,734.	51788.	1607.18	
3.	16.4.61	1607.18	51788.	3600.	-	800.	4,400.	1,521.	189.	1,332.	50456.	1606.55.	
4.	20-4-61.	1606.55	50456.	1600.	2100.	800.	4,500.	4,277.	520.	3,757.	46699.	1604.75	
5.	1-5-61.	1604.75	46699.	1600.	2100.	800.	4,500.	7,337.	535.	6,852.	39847.	1601.24	
6.	29.5.61.	1601.24.	39847.	3600.	-	800.	4,400.	4,562.	350.	4,212,	35635.	1598.76.	
7.	1-6-61	1598.76	35635.	3600.	-	800.	4,400.	5,322	605.	4,717.	30918.	1595.58.	
8.	15.6.61	1595.58	30918										

Sd/-
for Superintending Engineer, I.C
Tungabhadra Board.

/TRUE COPY/

CHIEF ENGINEER, P.W.D.,
IRRIGATION PROJECTS.

Note:- Power generation Corresponding to 1595.58 will be 28.3 M.W. against 32 M.W. demanded by Electricity Department.

Telegrams : " GOMED "

SHRI H. V. NARAYANA RAO, B.SC. (Mys.),
B.SC. (Lond.), M.I.E.,
Chief Engineer **(Electricity)**

Telephone No. { Office : 5457
Residence : 5641

OFFICE OF THE
CHIEF ENGINEER, HYDRO-ELECTRIC
CONSTRUCTION PROJECTS,
POST BAG NO. 60,
RACE COURSE CROSS ROAD,
Bangalore-1, 1st April 19 61.
(Mysore S. India)

D. No. 4207-09.

Dear Shri Ocmapathy/Krishna Murthi,

SECRETARY TO GOVERNMENT D.D. No. 264 4 APR 1961 PUBLIC WORKS & ELEC. DEPTT.

Sub: Irrigation—Krishna Delta—II Crop cultivation—Supply of Tungabhadra waters during the calender year 1961.

I wish to invite your kind reference to D.O. letter No. 1899/B-1/61—3 dated 30-3-1961 from Shri G.N. Pathak, Secretary, Tungabhadra Board, on the subject of discharge of water from Tungabhadra for the second crop cultivation in Krishna Delta, and would request you kindly to let me immediately as to how this has affected power generation both on the Right and Left Banks till now and how it would affect till the end of 1961, and the extent to which power generation has to be curtailed on account of this till the onset of the monsoon. The reduction also in the probable number of KW hours to be generated may also be intimated.

Yours sincerely,

Sd/-

(H.V. Narayana Rao)

Shri A.B. Ocmapathy, B.E.,
Superintending Engineer (Elecl.),
Hydro-Electric Construction Project,
MUNIRABAD.

Shri G.M. Krishna Murthi, B.E.,
Superintending Engineer (Elecl.),
Tungabhadra Hydro-Electric Scheme,
TUNGABHADRA DAM.

COPY of the above is forwarded to Shri R. Srinivasan, I.A.S., Secretary to Government, P.W. & Electricity Department, Bangalore, for kind information. On a further report from the two Superintending Engineers, I shall write to you again in this matter.

H.V. Narayana Rao
CHIEF ENGINEER, H.C.P.

L.Venkatakrishnan, ISE
Irrigation Adviser &
Consulting Engineer to
Government, Andhra Pradesh

Hyderabad AP 4
March 26, 1961
D.C.No.RP.B1/78006/60

Dear Shri Gokhale,

Sub: Irrigation -Second crop in Krishna Delta during 1960-61 with the aid of water from Tungabhadra Reservoir - Regarding.

Ref: My letter No.CC/IA/Hq/61 dated 11-3-1961 addressed to the Secretary, Tungabhadra Board with copy to Chief Engineer, Irrigation Branch Tungabhadra Board.

I would recall the decision we took at the IV meetir of the Tungabhadra Board (1960-61) held at Tungabhadra dam on 25th to 27th November 1960 regarding the supply of water from Tungabhadra Reservoir for raising II crop in Krishna delta during 1960-61 subject to the usual ter and conditions. On the basis of the decision, the ryots in Krishna Delta have raised second crop which with the already under 2nd crop may come up to about 2 lakhs acre The inflow from the Krishna has been most disappointing year, the supply position is very precarious and crops a drying out. I requested the Secretary, Tungabhadra Boar in my letter cited to kindly arrange to immediately ri is 7000 cusecs from Tungabhadra Reservoir up to 1st April 1961 and to reduce it thereafter to 5000 cusecs. I simultaneously requested the Chief Engineer, Irrigation Branch, Tungabhadra Board to kindly do the needful immed in this regard to save the crop. I have not yet heard f the Secretary, Tungabhadra Board about the action taken him or the Chief Engineer, Irrigation Branch, Tungabhadr Board on my letter cited and in the meanwhile the crops in Krishna delta are drying out.

I gather the Reservoir is being maintained at a high level for purposes of power generation. I need hardly stress in this connection that the Tungabhadra Reservoir has been built mainly for irrigation purposes and power generation is only secondary. As you are aware it was under the advice of the Planning Commission that the Tungabhadra Board decided to let down water from the Tungabhadra Reservoir for raising II crop in Krishna Delta to grow more food and to fetch revenue to the Boar The interests of irrigation should have preference over the power generation and we cannot obviously hold up wat in the reservoir for generating power when crops are dry out.

I shall be grateful if you could kindly use your goo offices and arrange immediately to let down 7000 cusecs of water from the 28th March up to 3rd April 1961 and to reduce it thereafter to 5000 cusecs in order to save the standing crops as already requested for by me in my lett to Secretary, Tungabhadra Board cited.

With regards,

Yours sincerely,
Sd/- L.Venkatakrishnan,

Shri B.K.Gokhale, ICS.,
Chairman, Tungabhadra Board,
Poona

"Copy"

EXPRESS TELEGRAM STATE

CHIEF ENGINEER IRRIGATION
TUNGABHADRA BOARD
MUNIRABAD.

SUPERINTENDING ENGINEER IRRIGATION
TUNGABHADRA BOARD
TUNGABHADRA DAM

SECRETARY
TUNGABHADRA BOARD
TUNGABHADRA DAM

Kindly arrange immediately to let down seven thousand cusecs of water from Tungabhadra Reservoir to save standing crops in Krishna Delta (stop) Quantity should be reduced to five thousand cusecs after one week (stop) This refers to L.Venkatakrishnan's urgent request to save standing crops

Chairman
Tungabhadra Board

Not to be telegraphed

Copy forwarded to Shri L.Venkatakrishna, Irrigation Adviser andConsulting Engineer to the Government of Andhra Pra Hyderabad with reference to his D.O.letter No.RO.Bl/78006/60 dated 26th March 1961.

Sd/- B.K.Gokhale
Chairman,Tungabhadra Board

Copy with a copy of Shri.L.Venkatakrishnan's letter to

(1) Chief Engineer, Irrigation, Tungabhadra Board, Munirabad,
(2) The Superintending Engineer, Irrigation,Tungabhadr Board, Tungabhadra Dam
(3) The Secretary,Tungabhadra Board, Tungabhadra Dam

for information with the request to arrange immediately for supply of water as noted above.

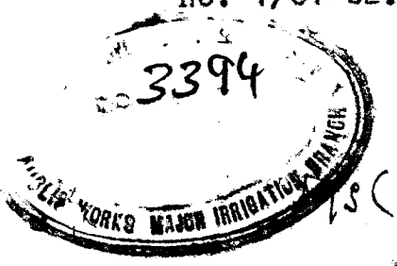
They should let me know their objections to the proposal, if any, as soon as possible, without however meanthwile stoppi the supply of water to save standing crops as desired by Shri L.Venkatakrishnan

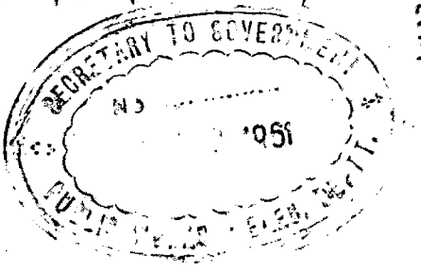
Sd/ B.K.Gokhale
Chairman,Tungabhadra Board

Copy with a copy of letter from Shri L.Venkatakrishnan to the Chief Engineer,I.P.Munirabad, for information.

Discussed at a meeting of the C.E.(I.P.) and C.S.(I) pl. see note, summing up the decisions

No. 1/61-62.





OFFICE OF THE CHAIRMAN,
Tungabhadra Board, "Vihar",
36, Deccan Gymkhana, Poona-

April 1, 1961.

Chairman will see

NOTE

With reference to the request for extra water to save standing crops in the Krishna delta, I would like to know the minimum requirements of water essentially necessar to save the standing crops from destruction. I would also like to know when the crops are expected to ripen, secondly how many waterings are required and at what intervals and thirdly what is the minimum flow and for how many days for each watering.

I hope that the 7,000 cusecs let down for a week from the 28th March would suffice for one watering and that no further waterings would be necessary at least for another two weeks. If so, we should stop the flow of extr water from 4th April and let down only the normal flow as usual. We could again, if necessary, let down extra water again for a week towards the end of April if another wateri is really necessary to save the standing crops.

I would further like to know whether we have definitely laid down some schedule showing what extra watering is necessary and at what intervals. If not, we must now have a specific schedule to prevent the reservoir level being unduly depleted.

As the matter is urgent, I would request the Chief Engineers concerned from both State Governments to meet urgently at the Damsite and let us have, if possible, agreed conclusions, taking into account the level of wat in the Tungabhadra reservoir at present, the minimum requirements of hydro-electric generation and all other relevant considerations.

Secretary, Tungabhadra Board may please take urgent steps to convene this meeting and let me have a report on the situation as early as possible.

I am sending copies of this note to all Members of the Tungabhadra Board for information with the reques to let me have their own views in the matter, if any, as early as possible.

1/4/61

The Secretary,
T.B.B.

Sd/- (S.K.Gokhale)
Chairman, Tungabhadra Board.

Copy forwarded to all Members of the Tungabhadra Board for information and such action as may be necessary.

Copy forwarded to the Chief Engineers of Irrigation and Electricity of the Tungabhadra Board for information.

Copy forwarded to the Superintending Engineers of Irrigation and Electricity of the Tungabhadra Board for information.

D.O.from C.E.E. 56-9

Dear Sri Pathak,

Sub:

I am to invite your kind reference to D.O. No.8-10 dated 3-4-61 addressed to you by Sri H.V. Narayana Rao, Chief Engineer, H.E.C.P.Bangalore, in connection with the extra issue of water for second crop cultivation in the Krishna delta area. He has forwarded to me a copy of your D.O.No.1899/ 61-3 dated 30-3-61 addressed to him wherein you ha conveyed to him the resolution of the Tungabhadra Board permitting that waters may be let down from Tungabhadra Reservoir for growing second crop in Krishna delta area as per the schedule noted there

As pointed out by Sri H.V.Narayana Rao, this intimation has been received by him only after act upon the resolution of the T.B.Board has been take to let down the waters from T.B.Reservoir. My off has not even had this intimation. Allowing water for second crop cultivation in Krishna delta area out of the waters impounded at Tungabhadra Dam is not one of the routine annual processes and it is extra normal action on the part of the T.B.Board. I feel that before the T.B.Board considered the matter or, at any rate before taking action in thi regard, all the interested parties should have b consulted to examine the exact implication of the step.

The Tungabhadra waters will have to be alloca appropriately between the irrigation and power nee The State of Mysore has of course an interest in deciding the needs of power generation since it ha got to share 25% of the power generated after allo ing for common loads. We have been accustomed to take in recent years about 9 MW during normal mont and upto 6.5 MW during the worst summer months.

This 6.5 MWis a committed load so far as Mysore State Electricity Board is concerned and it will not be practicable to introduce power cuts which are heavy enough already or to transfer loads of this area from other generating stations in the State. It is not also possible to deny power expansion at the ~~bagest~~ minimum to the consumers in that area. The problem had therefore to be examined in the light of the minimum requirements of power both for the State of Mysore and for the State of Andhra. Since, however, we are presented with the waters have been let down for irrigation or the Krishna delta area which lies in Andhra Pradesh, it is to be stated that if there is to be any ~~short fall~~ lowering of total pow generation subsequently, the allocation of 6.5 MW to Mysore State during the summer months should not be affected. A study of the levels during the various seasons in previous years and the generate units and loads coming up shows that there is likely to be a ~~short fall~~ shortage water for power generation purposes. I would request that if this situation arise, it will not be ~~possible~~ fair to restrict the share of Mysore to the 25% figure of generated capacity minus common loads.

I would like to give advance information that in such an event, our summer minimum of 6.5 M will have to be ~~allocated~~ maintained to this State irrespecti of the total quantity generated.

Yours sincerely,

Sri G.N.Pathak, I.A.A.S.,
Secretary,
Tungabhadra Board,
Tungabhadra Dam P.O.

SK:GR

DRAFT D.O. LETTER FOR APPROVAL

Dear Sri Gokhale,

Sub:- Irrigation - Krishna Delta - II Crop cultivation - supply of Tungabhadra waters during the calendar year 1961 - Regarding.

Ref:- 1) D.O.letter No.R.P. Bl/78006/60 dated 26-3-61 from Sri L.Venkata-Krishnan, Irrgn. Adviser & Consulting Engr. to the Govt. of A.P. to the Chairman, T.B. Board.

2) Note dated 1-4-1961 from the Chairman, T.B.Board.

****

With reference to the above, I wish to state that since water supply to the Krishna Delta irrigation from the Tungabhadra Dam is not a routine matter, ~~and so~~ it would perhaps have been better if the subject had been discussed in the T.B. Board before taking the course of action as directed in your above Note. I am informed by the Chief Engineer, Irrgn. Projects that this happens to be an year of very low inflows and that the Reservoir level is likely to go down to RL 1609.00 by about the 10th instant if the issues are made at 7,000 cusecs upto 3-4-61 and 5,000 cusecs thereafter in accordance with the directions given by you.

2) It is reported that RL 1609 is the optimum level required to maintain the power generation of 34,000 K.W. on the Right Bank and as the level goes below this, the power output gets reduced proportionately. According to the forecast prepared by the Chief Engineer, Irrgn. Projects the level will go down to RL 1595.98 by 15-6-1961 when the power generated will get ~~gets~~ reduced by about 12%.

3) As you are aware, Mysore is taking about 9,000 K.W. of the power generated on the Right Bank during normal months and not less than 6,500 K.W. during the worst (summer) months. The latter is almost a committed load

and it will not be possible to introduce any further power cuts which are already heavy enough in Mysore. It is neither possible to transfer loads served by th Station to other generating stations in the State.

4) I wish to invite reference in this connection to the resolutions passed at the Tungabhadra Board meeting held in Novr. 1960 and to state that it is clear from the Resolution that water to the extent available after meeting the requirements of power and irrigation under the Tungabhadra Reservoir would be l down for the second crop in the Krishna Delta.

5) In the circumstances, I am to request you to ~~reexamine~~ re-examine the whole question immediately and to take such action as would enable meeting the requirements of power and irrigation in full under the T.B. Reservoir and allow ing ~~out~~ only the surplus available for the second crop in Krishna Delta. If you consider that issues as directed in your note referred to above hav to be maintained, I am to request ~~that you will~~ you kindl ~~see~~ ensure that Mysore ~~would/supply~~ does not suffer any power ~~out of its share~~ cut and the entire power deficit is met ~~completely~~ by the Andhra Pradesh Government out of their share.

Yours sincerely,

(SECRETARY, PW&E)

Shri B.K. Gokhale, I.C.S. (Retd.),
Chairman, T.B.Board.

Proma-4.

Copy to:

1) ~~The~~ Shri Patrick, Secy. T. B. Board, T. Dam, (Via.) Hospet
2) ~~1)~~ C.E., Irrgn. Projects, M'bad.
3) ~~2)~~ C.E., H.E.C.P. B'lr
4) ~~3)~~ C.E., M.S.E.B. B'lr.

BRP/-

GOVERNMENT OF MYSORE

Telephone No. {Office: 5457 / Residence: 5641

SHRI H. V. NARAYANA RAO, B.SC. (Mys.), B.SC. (Lond.), M.I.E.,
Chief Engineer (Electricity).

OFFICE OF THE
CHIEF ENGINEER, HYDRO-ELECTRIC
CONSTRUCTION PROJECTS,
POST BAG NO. 60,
RACE COURSE CROSS ROAD,
Bangalore-1, (S. India) 3 April 1961

SECRETARIAT P.O. No. G.S. 10 ... D.S.C.I. ... 3 APR 1961 PUBLIC WORKS & ELEC. DEPT.

Dear Sri Pathak,

I am in receipt of your D.O. No.1899/B-1/61-3 dated 30th March 1961 and I have called for a report about the practicable extent to which power generation would be reduced on account of the action taken by the Board in issuing extra water to Andhra Pradesh. I, however, see that the water has already been issued and the level would go down to as low as 1595 by 15th June 1961. From a prima facie examination it is quite clear that the power generation would be seriously curtailed by this. I do not know as to why this has been addressed to me after a decision has already been taken by the Board to issue this extra quantity of water without considering the needs of power generation. I am sending a copy of this letter to the Chief Engineer, Mysore State Electricity Board, so that he may be aware of the position regarding the reduction in power generation. I feel that Mysore quota of power should not be curtailed since the water required has been let down purely for the needs of Andhra. However, I expect that Sri G. Sambasiviah, Chief Engineer, M.S.E.B. will take up this question with you separately.

MYSORE GOVERNMENT SECRETARIAT NO. 3498 PUBLIC WORKS MAJOR IRRIGATION BRANCH

Yours sincerely,

Sd. H.V. Narayana Rao

Sri O. P. Pathak,
Secretary,
Tungebhadra Board,
Tungabhadra Dam,
via. Hospet, Bellary District.

Copy of the above is forwarded to Shri R. Srinivasan, I.A.S., Secretary to Govt. PW & Electricity Dept. Bangalore for kind infn.

Copy of the above is forwarded to Sri G. Sambasiviah, B.A., B.Sc.(Tech) (Manch), Chief Engineer (General), MSEB Bangalore for infn. with a copy of the letter received from Sri Pathak.

Chief Engineer, HCP 3/4

Telegrams : "MYSELB"

Telephone Nos : OFFICE 2416
RESIDENCE : 2790

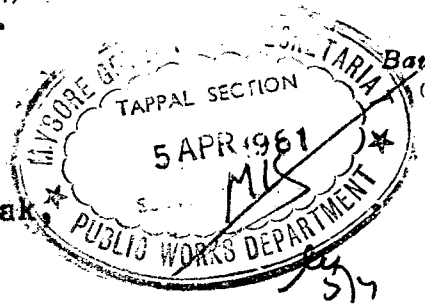
MYSORE STATE ELECTRICITY BOARD

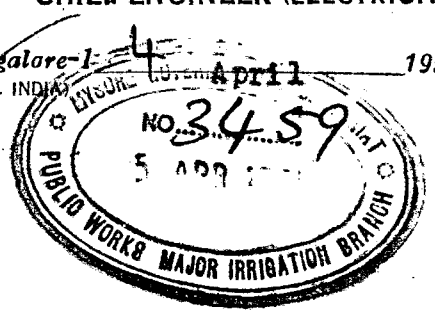
G.Sambasiviah, B.A., B.Sc.(Tech.)(Manch.)
CHIEF ENGINEER (ELECTRICITY)

OFFICE OF THE
CHIEF ENGINEER (ELECTRICITY)

D. O.NO. 56-8

Bangalore-1: 4 April 1961.





Dear Sri Pathak,

I am to invite your kind reference to D.O.No.8-10 dated 3-4-1961 addressed to you by Sri H.V.Narayana Rao, Chief Engineer, H.E.C.P., Bangalore, in connection with the extra issue of water for second crop cultivation in the Krishna delt area. He has forwarded to me a copy of your D.O.No.1899/B-1/61-3 dated 30-3-1961 addressed to him wherein you have convyed to him the resolution of the Tungabhadra Board permitting that waters may be let down from Tungabhadra Reservoir for growing second crop in Krishna delta area as per the schedule noted therein.

As Pointed out by Sri H.V.Narayana Rao, this intimation has been received only after action upon the resolution of the T.B. Board has been taken to let down the waters from the T.B. Reservoir. My office has not had even this intimation. Allowing water for second crop cultivation in Krishna delta area out of the water impounded at Tungabhadra Dam is not one of the routine annual process and it is an extra normal action on the part of the T.B. Board. I feel that before the T.B.Board considered the matter or, at any rate before taking action in this regard, all the interested parties should have been consulted to examine the exact implications of the step.

The Tungabhadra waters will have to be allocated appropriately between the irrigation and power needs. The State of Mysore has of course an interest in deciding the needs of power generation since, it is entitled a share of 25% of the power generated after allowing for common loads. We have been accustomed to take in recent years about 9 MW during normal months and upto 6.5 MW during the worst summer months. This 6.5 MW is in effect a committed load so far as Mysore State Electricity Board is concerned and it will not be practicable to introduce power cuts which are heavy enough already or to transfer power to this area from other generating stations in the State. It is not also possible to deny power expansion at the barest minimum to the consumers in the area. The probl had therefore to be examined in the light of the minimum requirements of power both for the State of Mysore and for the State of Andhra. Since, however, we are presented with a faith accompli in that the waters have already been let down for irrigation of the Krishna delta area which lies in Andhra Pradesh, it is to be stated that if there is to be any lowering of total power generation subsequently, the allocation of 6.5 M to Mysore State during the summer months should not be affected A study of the levels during the various seasons in previous years and the generated units and loads coming up shows that there is likely to be a shortage of water for power generation purposes. If this situation at all arises, it will not be fair to restrict the share of Mysore to the 25% figure of generated capacity.

It is to be stated that in such an event, our usual summer minimum of 6.5 MW will have to be maintained to this State irrespective of the total quantity generated.

Yours sincerely,

Sri G.N.Pathak, I.A.A.S.,
Secretary,
Tungabhadra Board,
Tungabhadra Dam P.O

Copy forwarded to the Secretary, Mysore State Electricity Board, Bangalore, for information.

Copy forwarded to the Secretary to Government, Public Works & Electrical Department, Bangalore, for infn.

Copy forwwarded to Sri H.V.Narayana Rao, Chief Engineer, Hydro Electric Construction Projects, Government of Mysore, Bangalore, for information

GOVERNMENT OF MYSORE,
P. W. AND ELECL. DEPARTMENT,
BANGALORE,

Dated. 6th April 1961.

MYSORE GOVERNMENT
No. 3541
PUBLIC WORKS MAJOR IRRIGATION BRANCH

Chaitra 16, S.E., 1883.

Subject:-Irrigation - Krishna Delta - II Crop cultivation - supply of Tungabhadra waters during the calendar year 1961 - Regarding.

Issued 6/4/61 Supdt Sri Bandiwad Al Speed le 7/4

Ref:- 1) D.O.letter No. I.P. BI/78006/60 Dated 26-3-'61 from Shri L.Venkatakrishnan, Irrigation Adviser and Consulting Engineer to the Government of Andhra Pradesh to the Chairman, Tungabhadra Board.

2) Note dated 1-4-1961 from the Chairman, Tungabhadra Board.

With reference to the above, I wish to state that since water supply to the Krishna Delta irrigation from the Tungabhadra Dam is not a routine matter, it would perhaps have been better if the subject had been discussed in the Tungabhadra Board before taking the course of action, as directed in your above Note. I am informed by the Chief Engineer, Irrigation Projects that this happens to be an year of very low inflows and that the reservoir level is likely to go down to RL 1609.00 by about the 10th instant, if the issues are made at 7,000 cusecs upto 3-4-'61 and 5,000 cusecs thereafter, in accordance with the directions given by you.

2. It is reported that RL 1609 is the optimum level required to maintain the power generation of 34,000 K.W. on the Right Bank and as the level goes below this, the power output gets reduced proportionately. According to the forecast prepared by the Chief Engineer Irrigation Projects, the level will go down to RL 1595.98 by 15-6-1961 when the power generated will get reduced by about 12%.

GOVERNMENT OF MYSORE,
P. W. AND ELECL. DEPARTMENT,
BANGALORE,

Dated.....196 .

3. As you are aware, Mysore is taking about 9,000 K.W. of the power generated on the Right Bank during normal months and not less than 6,500 K.W. during the worst (summer) months. The latter is almost a committed load and it will not be possible to introduce any further power cuts, which are already heavy enough in Mysore. It is neither possible to transfer loads served by this Station to other generating stations in the State.

4. I wish to invite reference in this connection to the Resolution passed at the Tungabhadra Board meeting held in November, 1960 and to state that it is clear from the Resolution that water to the extent available after meeting the requirements of power and irrigation under the Tungabhadra Reservoir would be let down for the second crop in the Krishna Delta.

5. In the circumstances, I am to request you to re-examine the whole question immediately and to take such action as would enable meeting the requirements of power and irrigation in full under the Tungabhadra Reservoir and allowing only the surplus available for the second crop in the Krishna Delta. If you consider that issues as directed in your Note referred to above have to be maintained, I am to request you kindly to ensure that Mysore does not suffer any power cut and the entire power deficit is met by the Andhra Pradesh Government, out of their share.

Yours sincerely,

(R. SRINIVASAN)

Sd/-

Shri D.K.Gokhale, I.C.S.(Retd.),
Chairman, Tungabhadra Board,
Bijapur.

36, Deccan Gymkhana,
POONA-4.

p.t.o.....

Copy to:-

1) Shri G.N.Pathak, I.A.&.A.S., Secretary, Tungabhadra Boa
Tungabhadra Dam, (Via) Hospet, Bellary Dt.

2) The Chief Engineer, Irrigation Projects, Munirabad.

3) The Chief Engineer, Hydro-Electric Construction Projects
Bangalore.

4) The Chief Engineer, Mysore State Elecy. Board, Bangalore

Telegram: "COMBRD" 3631

Telephone No. { Office : 5457
Res. : 5641

SHRI H. [illegible] (Mys.),
[illegible] (Lond.), M.I.E.,
Chief Engineer.(Electricity)

OFFICE OF THE
CHIEF ENGINEER, HYDRO-ELECTRIC
CONSTRUCTION PROJECTS,
POST BAG NO. 60,
RACE COURSE CROSS ROAD,
Bangalore-1, (Mysore S. India)

7th April 1961.

D.O. No. 43

Dear Shri Sinivasan,

Sub: Irrigation - Krishna Delta - II Crop cultivation - supply of Tungabhadra waters during the calendar year 1961.

I am in receipt of your D.O. letter No. PA.104/61 dated 6th April 1961. In this connection, I write to invite your kind reference to my D.O. letter No.207-09 dated 1st April 1961, addressed to Shri A.B. Oomapathy and Shri G.M. Krishna Murthi, Superintending Engineers and copied to you, and subsequent letter of this offic No. G.31-33 dated 5/6th April 1961, and to state that only power generation would suffer on the Right Bank, it would also suffer on the Left Bank if the levels ar allowed to go down below 1605 at any future date.

Yours sincerely,

H.V. Narayana Rao

(H.V. Narayana Rao) 7.

Shri R. Srinivasan, I.A.S.,
Secretary to Govt., P.W.& Electy

Office of the Chairman,
Tungabhadra Board, "Vihar",
36, Deccan Gymkhana, Poona-4.

April 10, 1961.

No. 3783
PUBLIC WORKS MINISTER

9/5(5)
12 APR 1961
T-1

N O T E

Copy of D.O. letter No. P.A.104/61 dated 6th April 1961 from Shri R. Srinivasan, Secretary to the Government of Mysore is attached herewith.

2. The whole question should be re-examined immediately in the light of the points raised by Shri Srinivasan, the points previously raised in my Note No.1/61-62 dated 1st April 1961 and other relevant considerations including the reduction in flow which I understand has been effected from 3rd April 1961.

3. Unless the facts are clarified by the Chief Engineers concerned at a meeting at the damsite as requested in my note of 1st April, it is not possible for me to say what should be done at this stage.

we may ask Sec T B Board as to what action he had taken on this
13/4

4. The power deficit which is likely to accrue may please be calculated; also whether the entire deficit could be met by Andhra Pradesh Government out of their share leaving the Mysore quota unaffected as requested by Shri R. Srinivasan.

5. We had recently rain in Poona and I expect both the Krishna and Tungabhadra basins have benefited as a result of this rain.

6. The main consideration is to save the standing crops. If and when the standing crops do not require any further watering, we should reduce the flow from the reservoir to the very minimum which may be required for normal use below the reservoir. Every effort should be made to keep the reservoir level as near RL 1609 as possible.

10.4.'61.

The Secretary,
Tungabhadra Board.

(B.K. GOKHALE)
Chairman, Tungabhadra Board.

Copy forwarded to all Members of the Tungabhadra Board for information.

Copy forwarded to the Chief Engineers of Irrigation and Electricity of the Tungabhadra Board for information.

Copy forwarded to the Superintending Engineers of Irrigation Electricity of the Tungabhadra Board for information.

10/4/61

Government of Mysore,
P.W. and Electrical Department,
Bangalore.
Dated 6th April 1961

Chaitra 16, S.E.1883.

D.O.No. P.A. No.104/61.

Dear Shri Gokhale,

Subject:- Irrigation- Krishna Delta - II Crop cultivation - supply of Tungabhadra waters during the calendar year 1961 - Regarding.

Ref:- 1) D.O. letter No. R.P. B1/78006/60 dated 26-3-1961 from Shri L. Venkatakrishnan, Irrigation Adviser and Consulting Engineer to the Government of Andhra Pradesh to the Chairman, Tungabhadra Board.

2) Note dated 1-4-1961 from the Chairman, Tungabhadra Board.

With reference to the above, I wish to state that since water supply to the Krishna Delta irrigation from the Tungabhadra Dam is not a routine matter, it would perhaps have been better if the subject had been discussed in the Tungabhadra Board before taking the course of action, as directed in your above note. I am informed by the Chief Engineer, Irrigation Projects that this happens to be an year of very low inflows and that the Reservoir level is likely to go down to RL 1609.00 by about the 10th instant, if the issues are made at 7,000 cusecs upto 3-4-1961 and 5,000 cusecs thereafter, in accordance with the directions given by you.

2. It is reported that RL 1609 is the optimum level required to maintain the power generation of 34,000 K.W. on the Right Bank and as the level goes below this, the power output gets reduced proportionately. According to the forecast prepared by the Chief Engineer, Irrigation Projects, the level will go down to RL 1595.98 by 15-6-1961, when the power generated will get reduced by about 12%

3. As you are aware, Mysore is taking about 9,000 K.W. of the power generated on the Right Bank during normal months and not less than 6,500 K.W. during the worst (summer) months. The latter is almost a committed load and it will not be possible to introduce any further power cuts, which are already heavy enough in Mysore. It is neither possible to transfer loads served by this Station to other generating stations in the State.

4. I wish to invite reference in this connection to the Resolution passed at the Tungabhadra Board meeting held in November, 1960 and to state that it is clear from the Resolution that water to the extent available after meeting the requirements of power and irrigation under the Tungabhadra Reservoir would be let down for the second crop in the Krishna delta.

5. In the circumstances, I am to request you to re-examine the whole questin immediately and to take such action as would enable meeting the requirements of power and irrigation in full under the Tungabhadra Reservoir and allowing only the surplus available for the second crop in the Krishna Delta. If you consider that issues as directed in your Note referred to above have to be maintained, I am to request you kindly to ensure that Mysore does not suffer any power cut and the entire power deficit is met by the Andra Pradesh Government, out of their share.

Yours sincerely,

Sd/- R. Srinivasan,
6-4-1961.

Shri D.K. Gokhale, ICS(Retd.),
Chairman, Tungabhadra Board,
"Vihar", 36, Deccan Gymkhana,
Poona-4.

Appendix F. G.—1]

SUBJECT As at P.W.D. Ch.

Diary No. of letter replied to .....

Mysore Government Secretariat.

195 .

Date of issue.....

Signed by.....

Section

File No.

Serial No

No. PWD 26 MTB 61

To

Shri B.K. Gokhale
I.C.S. (Retd.)
Chairman I.B. Board
Vikram — 36, Deccan Gymkhana
Poona 4

Sir,—

In continuation of

D.O. letter No. PA No 104/5 dt 6/4/61 (from the Secy to Govt addressed to you) on the above subject, I am directed to forward herewith for information a memorandum

rched to No. P.W.D.....
.....26/4/61.....
GR

List of enclosures .....

Copied by.....

Examined by .....

WD 04696—GPB—PZS—8.00,000—22-3-60

D.O

A copy of letter No 43 dt 7/4/61 from Shri H.V. Narayanrao, CE H&C addressed to Secy.

Y. S

Secy. to Govt PWD

17/4/61

Copy with a copy of the letter under reference forwarded to Secy TB Board

2 The note dt No 9/61-62 dt 10/4/61 from the Chairman TB Board addressed to Secy. TB Board and copy endorsed to all may kindly be perused. It is requested that the decision taken in the matter may kindly be intimated urgently.

Secy to Govt PWD.

18/4/61.

17/4/61

PWD 26 MTB 61

26 - 4 - 61

Vaishaka Saka Era 1883.

The
Public Works & Electricity Department.

Shri B.K. Gokhale, I.C.S.(Retd.),
Chairman, Tungabhadra Board,
"Vihar", 36, Deccan Gymkhana, POONA-4.

Sir,

Sub:- Irrigation - Krishna Delta - II Crop cultivation - supply of Tungabhadra waters during the calendar year 1961.

-.-

In continuation of D.O. letter No.PA NO.104/61 dated 5th April 1961 from the Secretary to Government, Public Works & Electricity addressed to you on the above subject, I am desired to forward herewith for favour of information and needful, a copy of D.O. letter No.43 dated 7th April 1961 received from Shri H.V. Narayana Rao, Chief Engineer, Hydro Electric Construction Projects.

Yours faithfully,

Sd/-
(C.J. VENKATESA DAS)
Deputy Secretary to Government,
Public Works Department (Irrigation)

PTO

MKR/3

Copy of the foregoing with a copy of the letter nder reference forwarded to Secretary, Tungabhadra oard.

2. The note No.9/61-62 dated 10.4.61 from the hairman, Taungabhadra Board addressed to Secretary, ungabhadra Board and copy endorsed to all members ay kindly be referred. It is requested that the action aken in the matter may kindly be intimated urgently.

G. J. Venkatarao 26.4.61

Deputy Secretary to Government,
Public Works Department (Irrigation).

4118/ml

GOVERNMENT OF MYSORE

No. G-31-33

Office of the Chief Engineer,
Hydro Electric Construction
Projects, Post Bag No.60,
Bangalore-1: 5th April 1961.

6

MYSORE GOVERNMENT SECRETARIAT
No. 3010
10 APR 1961
ELECTRICAL BRANCH

The Secretary to the
Government of Mysore,
P. W. & Electrical Department,
'Vidhana Soudha',
BANGALORE-1.

MYSORE GOVERNMENT SECRETARIAT
TAPPAL SECTION
7 APR 1961
PUBLIC WORKS DEPARTMENT

Stage please

Re: Power Development at Munirabad Generating Station (Tungabhadra Left Bank).

Season 4/4

In inviting kind reference to D.O. letter No.8-10 dated 3rd April 1961, addressed to Shri Pathak, Secretary, Tungabhadra Board, Tungabhadra Dam, and copied to you for information, I write to inform you that the first unit which is erected cannot be run if the water level in the reservoir goes below RL 1605. The letter of the Secretary, Tungabhadra Board in D.O.No.1899/B-1/61 dated 30-3-1961 (already enclosed with the D.O. letter) shows that the level of RL 1605 in the reservoir may be reached somewhere by the third week of this month. In case this level is reached, it will not be possible to run the machines of the Munirabad Generating Station during this season. This is for kind information.

Yours faithfully,

H V Narayana Rao

(H. V. Narayana Rao) 6/4
Chief Engineer, HCP.

G. N. PATHAK,
Secretary.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE 17-4- 61.

Dated ..... 195 .

1899/51/61—7.

Dear Shri Sambasiviah,

Sub: Irrigation - Krishna Delta - Second Crop cultivation - Supply of Tungabhadra waters during the calendar year 1961 - Regarding.

Ref: My D.O.letter No.1899/51/61—6 dated 15-4-1961.

-:oo:-

Please refer to my D.O.letter cited above.

Kindly read "15th April 1961" occurring in the second sentence as "15th June 1961".

Yours sincerely,

(G. Sd/- PATHAK)

Shri S. Sambasiviah,
Chief Engineer,
Mysore State Electricity Board,
BANGALORE.

Copy is forwarded to:—

1) the Chairman and Members of the Tungabhadra Board.

ii) the Chief Engineer for Electricity, Tungabhadra Board, Hyderabad.

ii) the Superintending Engineer, Hydro Electric Scheme.

17/4/61

(G. N. PATHAK)
SECRETARY, T.B.BOARD.

SECRETARY TO GOVERNMENT
Dis. (I)
1961
20

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

14--4-- 61.

Dated ..... 195 .

Letter No. 1630/31/61--5.

MYSORE GOVERNMENT SECRETARIAT
NO. 3944
PUBLIC WORKS MAJOR IRRIGATION BRANCH

From
Shri G. N. Pathak,
S e c r e t a r y.

To
The Chairman and
Members of the Board.

Sir,

Urgent
Note prepare a note on the subject and put up to me.

Sub: Irrigation - Krishna Delta - Second Crop cultivation - Supply of Tungabhadra waters during the calender year 1961 - Regarding.

Ref: 1. Note No.1/61-62 dated 1-4-1961 circulated by the Chairman.
2. Note No.9/61-62 dated 10-4-1961 circulated by the Chairman.

-:oo:-

It was decided by the Tungabhadra Board at its Fourth Meeting (1960-61) that waters might be let down from the Tungabhadra Reservoir for growing second crop in the Krishna Delta on the following conditions:--

a) The quantity of water to be supplied would depend upon its availability and the Government ofAndhra Pradesh would pay charges for the waters utilised as in previous years.

b) This will not be treated as a precedent for getting supplies of waters from the Tungabhadra Reservoir in future and will not create any claim whatsoever.

2. Accordingly, the Superintending Engineer, Irrigation Bra released water from the Tungabhadra Reservoir in the months o January, February and March 1961. The Member representing th Government of Andhra Pradesh requested the Secretary and the Chief Engineer, Tungabhadra Board in his letter No. CC/IA/HA/ dated 11-3-1961 to release 7,000 cusecs of water from the Tungabhadra lake upto 1-4-1961 and to reduce it thereafter to 5,000 cusecs. As the inflow of water in the Tungabhadra lake was not much, water could not be released to the extent requi by him. He requested the Chairman, Tungabhadra Board to arra to let down 7,000 cusecs of water from 28th March to 3rd Apri 1961 and to reduce it thereafter to 5,000 cusecs in order to save standing crop in the Krishna Delta. The Chairman issued

instructions to let down water as per the request made by the Member representing the Government of Andhra Pradesh on the Board. He also issued instructions that I should convene a Meeting of the Chief Engineers of the two States so as to find out the total quantity of water which could be released for this purpose.

3. From the tour programme of the various Chief Engineers, it was seen that all of them would not have been available for discussion before 21st April 1961. Hence the Meeting coul not be convened at Tungabhadra Dam. A note on the subject dealing with the release of water from the Tungabhadra lake during the previous years is enclosed herewith. As directed by the Chairman, the subject is being included as an item of Agenda for the next Meeting of the Board which will be held at Tungabhadra Dam on the 7th, 8th and 9th May 1961. As all the Chief Engineers concerned with the water of the Tungabhadra Reservoir either for the irrigation or for the generation of power have been requested to attend this Meetin the Board will be in a position to take a decision in the matter which will be helpful for the officers of the Board for their guidance during the successive years.

Encl: 1

Yours faithfully,

(G.N.PATHAK) 14/4/61
SECRETARY, T.B.BOARD.

Copy together with a copy of the note is forwarded to:-

i) the Chief Engineer, Irrigation Branch, T.B.Board.
ii) the Chief Engineer for Electricity, Tungabhadra Board, Hyderabad.
iii) the Superintending Engineer, Irrigation Branch, T.B.Board.
iv) the Superintending Engineer, Hydro Electric Scheme, T.B.Board.

NOTE DEALING WITH THE RELEASE OF WATER FROM TH TUNGABHADRA LAKE.

The Headworks of the Tungabhadra Project were completed in the month of July 1953 when the Low Leve Canal and the left bank canal were opened for irrigat The Tungabhadra Dam had come upto 1613 level. Though the land acquisition had been completed upto 1630 con water could not be stored more than 1613 level as the gates had not been fitted in. The gates were fitted all respects by the year 1958. Hence it would have b perhaps possible for the Board to store water upto 1633 level from the year 1958. As the works relating to the land acquisition and rehabilitation had not be completed between 1630 and 1635 contours, it has not been possible to store water more than 1630 level up till now. For the first time, water was stored upto 1629 level during the year 1958-59 and later on upto 1630 level which has been maintained all along.

2. When the Tungabhadra Dam was completed substanti in the month of July 1953, the question of utilisatio of water stored in the Tungabhadra Reservoir came up for discussion. The Government of Andhra Pradesh mov the Planning Commission to permit them to utilise waters stored in the Tungabhadra Reservoir for so lon as it has not been completely utilised for the purpos for which it has been stored i.e., for purposes of irrigation under Low Level Canal,High Level Canal and the Left Bank Canal, they may be permitted to utilise this water for growing second crop in the Krishna Delta on a purely temporary basis without involving any rights by the temporary usage on the

condition that a reasonable credit would be afforde to the Project by the Government of Andhra Pradesh the utilisation of this water. The Planning Commis approved the proposal to utilise the surplus waters of the Tungabhadra Reservoir for the Krishna Delta requested the Tungabhadra Board to discuss the inte utilisation of the waters stored in the Tungabhadra Reservoir in the year 1954-55 in their next Meeting a view to arrive at the best programme for this uti tion in the largest interests of the country as a w vide Planning Commission's letter No.P.C.(V)/II(4) 54 dated 14-11-1954 addressed to the Andhra Governm and copied to the Secretary, Tungabhadra Board etc. The Tungabhadra Board accordingly discussed the sub at its Meeting held on 19th and 20th November 1954 and agreed to release water for growing the second in the Krishna Delta subject to the requirements of ayacut as it develops in the Tungabhadra Project. was mentioned specifically that this permission wou purely temporary without any commitment to the futu and that the extra revenue derived by the Governmen of Andhra by growing the second crop would be appor between the Governments concerned in such proportio as may be determined.

3. From that very year, the Tungabhadra Board has been letting down water from the Tungabhadra Reserv for raising second crop in the Krishna Delta. This subject was considered by the Board at its Fourth M (1960-61) held in the month of November 1960. The Board decided that waters of the Tungabhadra Reserv be let down in the river for being used for purpose of irrigating second crop in the Krishna Delta during

1960-61 on the following conditions:--

a) The quantity of water to be supplied would depend upon its availability and the Government of Andhra Pradesh would pay charges for the waters utilised as in previous years.

b) This will not be treated as a precedent for getting supplies of waters from the Tungabhadra Reservoir in future and will not create any claim whatsoever.

4. The following table will show the quantity in cusecs let down from the Tungabhadra Reservoir during the calendar years 1954, 1955, 1956, 1957, 1958, 1959 1960 and 1961.

Month.	1954.	1955.	1956.	1957.	1958.	1959.	1960.
Jan. 1-10.	4550	1408	728	2700	2390	1300	2960
11-20	4100	1187	2000	2800	1600	1500	3930
21-31	3900	2615	2300	2200	1500	2300	2100
Feb. 1-10	3120	3690	2515	3600	2600	6600	3200
11-20	4460	3765	2020	2600	2380	4600	3740
21-28	4600	4050	2100	3500	2500	3600	3800
Mar. 1-10	4100	4100	2838	3990	2490	2960	3650
11-20	4400	4800	3350	3100	2250	3600	3480
21-31	2800	5400	5500	3700	3000	4500	2900
Apr. 1-10	1150	4200	6345	3750	2600	4620	2200
11-20	1950	1850	5785	3580	1450	4100	2090
21-30	1900	950	3400	2890	850	600	1140

5. The following table will indicate the total quantity of water let down in terms of T.M.C.ft.

contd...4

Year.	T.M.C.ft.
1954	35.2
1955	32.8
1956	34.08
1957	34.08
1958	22.08
1959	34.76
1960	30.16
1961	29.8 (Till 31-3-61)

From the table given above, it is seen that the Tungabhadra Board has been letting down on an average 30 T.M.C.ft. of water during the months of January, February, March and April from the Tungabhadra lake. A part of this quantity is used by the ryots in the Mysore State for growing crops under the pre-moghul channels and the balance by the ryots in the Andhra Pradesh for growing crops under the K.C. Canal and the Krishna Delta.

6. This year due to the draught conditions, the inflow in the reservoir is low. It has been assumed that the inflow will be to the extent of 1200 cusecs in the months of March and April. As the inflow is equivalent to the evaporation loss, the lake level started falling. At the same time, there was scarcity of water in the Krishna river. Hence it became necessary to release more water from the Tungabhadra lake for growing the second crop in the Krishna Delta. The discharge was not very much in themonth of February when the Superintending Engineer, Vijayawada came down to Tungabhadra Dam for requesting the Superintending Engineer to release more water. The Superintending Engineer, Hydro Electric Scheme objected to the water being let down in huge quantity

contd...5

as it would affect the generation of power. Moreover, since water in the Machkund river was not very much, it was necessary to generate more power at Tungabhadra Dam so as to feed the load in the system to the maximum possible extent. The Member representing the Government of Andhra Pradesh on the Board requested the Secretary and the Chief Engineer, Tungabhadra Board to release 7,000 cusecs of water till 31-3-1961 and thereafter to reduce the supplies to 5,000 cusecs. As the water could not be released to that extent, he requested the Chairman, Tungabhadra Board to use his good offices so that 7,000 cusecs of water could bet let down from the 28th March to 3rd April and thereafter it could be reduced to 5,000 cusecs. He alsomentioned that if this was not done, the crops standing in the Krishna Delta will die.

7. The first and the second units in Dam Power House were commissioned in the months of January and May 1957 respectively. In the same way, the first and the second units at the Hampi Power House was commissioned in the months of February and March 1958 respectively. Both the Power Stations are capable of generating 32,000 K.W. of power when the water is stored upto 1630 level in the lake. Out of 32,000 K.W., 2,000 K.W. of power is meant for the station load, consumption by the Tungabhadra Board and Messrs. Tungabhadra Steel Products Limited. Thus 30,000 K.W. of power is available fordistribution among the two States. Out of this power of 32,000 K.W., 17.5 thousand is generated at the Hampi Station as it has got a constant head of 110'. The generation of power in the Dam Power House fluctuates depending upon the head of the water available.

contd...6

8. The following tablewill indicate the water level during the previous years on various dates mentioned therein:--

Year.	Date.	Lake Level
1957.	5-4-57	1596.6
	16-4-57	1592.1
	20-4-57	1590.95
	1-5-57	1588.70
	20-5-57	1586.20
	1-6-57	1593.00
	15-6-57	1599.80
1958.	5-4-48	1613.1
	16-4-58	1611.8
	20-4-58	1611.5
	1-5-58	1611.1
	20-5-58	1613.9
	1-6-58	1614.5
	15-6-58	1615.4
1959.	5-4-59	1607.2
	16-4-59	1604.0
	20-4-59	1603.2
	1-5-59	1601.2
	20-5-59	1597.5
	1-6-59	1596.5
	15-6-59	1595.5
1960.	5-4-60	1614.1
	16-4-60	1611.8
	20-4-60	1611.1
	1-5-60	1609.8
	20-5-60	1610.1
	1-6-60	1609.4
	15-6-60	1608.7

Year.	Date.	Lake Level.
1961.	5-4-61	1611.00
	16-4-61	1607.18
	20-4-61	1606.55
	1-5-61	1604.75
	20-5-61	1601.24
	1-6-61	1598.76
	15-6-61	1595.58

(Note: The level for the year 1961 is based on the assumption that 5,000 cusecs will be supplied till 15th April 1961).

9. The following table will indicate the power generated on those dates in the various years mentioned above. The quantity of power mentioned therein is exclusive of 2,000 K.W. required for the station load and for the Tungabhadra Board and Messrs. Tungabhadra Steel Products Limited.

Year.	Date.	Quantity of power M.W.
1957.	5-4-57	3.5
	16-4-57	2.9
	20-4-57	2.85
	1-5-57	2.40
	20-5-57	2.15
	1-6-57	8.20
	15-6-57	9.80
1958.	5-4-58	30.8
	16-4-58	30.5
	20-4-58	30.5
	1-5-58	30.4
	20-5-58	31.0
	1-6-58	31.1
	15-6-58	31.3

Year.	Date.	Quantity of power M.W.
1959.	5-4-59	29.5
	16-4-59	28.5
	20-4-59	28.3
	1-5-59	27.7
	20-5-59	26.7
	1-6-59	26.5
	15-6-59	26.3
1960.	5-4-60	31.0
	16-4-60	30.5
	20-4-60	30.4
	1-5-60	29.9
	20-5-60	30.1
	1-6-60	29.8
	15-6-60	29.6
1961.	5-4-61	30.4
	16-4-61	29.30
	20-4-61	29.10
	1-5-61	28.50
	20-5-61	27.70
	1-6-61	27.10
	15-6-61	26.30

10. From the analysis of the facts given above, it is seen that the level of the Tungabhadra Reservo in the year 1961 will be more or less what it was during the years 1957 and 1959. So far as the generation of power is concerned, it will be the sam as it was during the year 1959. As the Hampi Power Station was commissioned during the year 1958, the

generation of power during the year 1957 cannot be compared with that of the year 1959.

11. It had been earlier anticipated that the lake level will be 1607.18 on 16th April 1961. Due to the breach in the Low Level Canalat Holalagundi and due to effective control on the release of water from the Reservoir, it is anticipated that the lake level will be 1608.18 and 1598 on 16-4-1961 and on 15-6-1961 respectively against 1607.18 and 1595.58 anticipated earlier. This will help the units to generate a little more power than what has been mentioned in paragraph 9.

-:oo:-

14/4/61

TUNGABHADRA
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

SHRI C. N. PATHAK,
SECRETARY.

Dated 15-4-1961.

3992.
MY-6

D. O. Letter No.1899/D-1/C1-6.

Dear Shri Sambasivieh,

Sub:- Irrigation--Krishna Delta--Second Crop cultivation--Supply of Tungabhadra waters during the calendar year 1961--Regarding.

Ref:- Your D.O. Letter No. 56 dated 4-4-1961.

I have received your D.O. Letter cited above. The level of the Tungabhadra Reservoir on the 15th April 1961 will be 1503.60. The two Power Stations under the Control of the Tungabhadra Board will be able to generate 26.30 M.W. of electricity on that date. This power is exclusive of 2 M.W. required for the Station load and for the Tungabhadra Board and Messrs. Tungabhadra Steel Products Limited and is meant for being distributed between the Governments of Andhra Pradesh and Mysore in the ratio of 2 : 1. Hence the Tungabhadra Board does not apprehend any difficulty in supplying the Government of Mysore with 6.5 M.W of power during the Summer months. In fact the Board will be able to supply a little more than 6.5 M.W. of power to the Government of Mysore as the lake level is expected to rise by 2 feet on the 15th June '61.

Yours sincerely,

(C.N.Pathak)

Shri C. Sambasivieh,
Chief Engineer for Electricity,
Mysore State Electricity Board,
BANGALORE.

Copy together with copy of the letter under reference is forwarded to:-

i) the Chairman and the Members of the Tungabhadra Board
ii) the Chief Engineer for Electricity, Tungabhadra Board, 10-3-3, A.C. Guards, Hyderabad (Dn).
iii) the Superintending Engineer, Hydro Electric Scheme,

D.O.

Copy of/letter No. 56, dated 4-4-1961, from Shri G. Sambasiviah, Chief Engineer (Electricity), Mysore State Electricity Board, Bangalore-1, to the Secretary, Tungabhadra Board, Tungabhadra Dam, P.O.

I am to invite your kind reference to D.O.No.8-10 dated 3-4-1961 addressed to you by Sri H.V. Narayana Rao, Chief Engineer H.E.C.P., Bangalore, in connection with the extra issue of water for second crop cultivation in the Krishna delta area. He has forwarded to me a copy of your D.O.No. 1899/B-1/61-3 dated 30-3-19(addressed to him wherein you have conveyed to him the resolution of the Tungabhadra Board permitting that waters may be let down from Tungabhadra Reservoir for growing second crop in Krishna delt area as per the schedule noted therein.

As pointed out by Shri H.V. Narayana Rao, this intimation has been received only after action upon the resolution of the T.B. Board has been taken to let down the waters from the T.B.Reservoir. My office has not had even this intimation. Allowing water for second crop cultivation in Krishna delta area out of the water impounded at Tungabhadra Dam is not one of the routine annual process and it is an extra normal action on the part of the T.B.Board. I feel that before the T.B.Board considered the matter or, at any rate before taking action in this regard, all the interested parti should have been consulted to examine the exact implications of th step.

The Tungabhadra waters will have to be allocated appropriatel between the irrigation and power needs. The State of Mysore has of course an interest in deciding the needs of power generation si it is entitled a share of 25% of the power generated after allowin for common loads. We have been accustomed to take in recent years about 9 MW during normal months and upto 6.5 MW during the worst summer months. This 6.5 MW is in effect a committed load so ~~that~~ Mysore far as Mysore State Electricity Board is concerned and it w not be practicable to introduce power cuts which are heavy enough already or to transfer power to this area from other generating stations in the State. It is not also possible to deny power expa si n at the barest minimum to the consumers in the area. The problem had therefore to be examined in the light of the minimum requirements of power both for the State of Mysore and for the State of Andhra. Since, However, we are presented with a faith accompli in that the waters have already been let down for irrigation of the Krishna Delta area which lies in Andhra Pradesh, it is to be stated that if there is to be any lowering of total power generation subsequently, the allocation of 6.5 MW to Mysore State during the summer months should not be affected. A study of the levels during the various seasons in previous years and t generated units and loads coming up shows that there is likely t be a shortage of water for power generation purposes. If this situtati n at all arises, it will not be fair to restrict th share of Mysore to the 25% figure of generated capacity.

It is to be stated that in such an event, our usual summer minimum of 6.5 MW will have to maintained to this State irrespective of the total quantity generated.

Sd. x x x x x x x x x
(G.Sambasiviah.)

/ True copy /

Irrigation - Krishna Delta -Second Crop cultivation - Supply of Tungabhadra Waters.

The entire back-ground of the question releasing T.B.P.Waters for Second crop cultivation in the Krishna Delta is given in detail in the Note flagged K. in the file placed below. On a previous occasion when the Board took a unilateral action in releasing water without the consent of the Mysore Government, it was pointedly brought to the notice of the Boa The Board accepted the position and resol that in future, the Govt. of Mysore should be invariably consulted before-hand. Now this year, the Board has again taken action to release water in such quantities as would prejudice the interests of irrigation and power under the project.

~~[illegible]~~

In December 1953, the Deputy Chairman, Planning Commission addressed this Government to permit th utilisation of waters stored in the T.B.Reservoir for temporary second crop cultivation in the Krishna Delta until full irrigation develops in the commanded area on both sides.

Subsequently the T. B. Board at its meeting held in Feb. 1954 agreed to this proposal ~~confirmed the utilisation~~ on a purely temporary basis without involving any rights by such temporary usage, on the condition that a reasonable credit will be afforded to the project for utilisation of this water.

From 1953-54 onwards, year after year, the proposal for supply of water is being renewed and for the year 1960-61 the T.B. Board adopted a Resolution for letting down water from the Reservoir on the following conditio

a) the quantity of water to be supplied would depend u its availability and the Govt. of Andhra Pradesh would pay charges for the waters utilised as in previous years

b) This will not be treated as a precedent for gettin supply of water from the T.B.Reservoir in future and wil not **e**reate any claims whatsoever.

It is clear from the above, that water to the extent available, after meeting the requirements for Irrigation and Power under the Tungabhadra Project would be let down for the cultivation of II crop in the Krishna Delta. In as much as the area developed under t T.B.Canals will be more this year than last year, the quantity that could be spared will naturally get reduced Also this year happens to be one of poor rain fall and receipts into the lake are much below normal.

It is reported that R.L. 1609 is the optimum level required to maintain the power generation (34000 K.W. on the Rt. Bank.

As per the directions of the Chairman, T.B.B(issues are made at 7000 cusecs upto 3-4-1961 and 5000 cusecs thereafter, and as per the forecast prepared by the CE, IP the reservoir level will go down to R.L. 1595 by 15-6-1961 with the re: that the Power generated will get reduced by abo 12%.

Further the C.E.HECP has pointed out that no power generation would suffer on the Rt.Bank, bu it would also suffer on the Left Bank if the levels are allowed to go down below 1605 at any future date. He has categorically stated that i will not be possible to run the machines of the Munirabad Generating Station during this season.

Mysore is taking about 9000 K.W. of the Powe generated on the Rt. Bank during normal months a not less than 6,500 K.W. during worst (summer) months. The latter is almost a committed load and will not be possible to introduce any further po cuts, which are already heavy enough in Mysore. is neither possible to transfer loads served by station to other generating stations in the Stat

In short the stand of Mysore Govt. is that:

1) Supply of 6.5 M.W. of Power on the Right Bank should be ensur to Mysore, as it is a committed load and no susceptible of any reduction.
2) The level should at no stage go below RL 16 as it would affect power generation on the Left Bank.

If the issues of water as requisitioned by Andhra are to be maintained, the consequential power deficit, if any in Mysore's quota should b met by Andhra Pradesh Govt., out of their share.

In the note furnished by the Secy., T.B. Boar it is stated that so far as the generation of pow concerned, it will be the same as it was during t year 1959. This means that there will be a shor of power generation of nearly 4 M.W. on the Rt. There will be similar shortage on the left Bank a Since the Govt. of Mysore cannot afford to bear s cuts in view of load commitments, ~~they~~ Andhra should mak good such cuts if any out of their share of power Since power and irrigation under the T.B.Reservoi are being developed in full as contemplated under project, no supply need be given from next year onwards for growing 2nd crop in Krishna Delta.

Further, regarding the revenue to the Board harped upon in the Andhra Pradesh letter at p. 27 no information is available as to what credits have been afforded to the Board and what amounts out of that have been passed on to the Mysore Gov for all these year.

In short, the release of T.B.P. waters for second crop cultivation in the Krishna Delta is not obligatory. Mysore can withhold permission f the release of Waters when it is certain that such release will be prejudicial to the interests of irrigation and power under the project either on Right Bank or on the Left Bank.

f 681 MJ 61.

Item No. 3 h. (IV/I/B-2) Page 18

A brief was put up to Secy regarding this item as the shortfall is due to Bhairavana Tippa project & therefore the waters to be rele for Hagri Spring channels must come from A.P. quota.

Page 39

Item No. #38/1 (Krishna delta Modernisation Requirement to make the working T.B.P. one year in advance is too much. Correct extent of new area at T.B.P. stage be supplied may not be accurately forecast. Therefore the Development T.B.P. any accumulation may suffer. The working tables shd. be done ~~at the~~ beginning of each irrigation year if. in May. A note was put up Secy on this item also.

4681

The K.C. Canal which is expanded without Mysore's consent is not entitled to any water except 7.3 T.M.C.ft or so which can be delivered at Kaveri Bundh and only thereafter any additional water has to be paid for. The C.E. may please be apprised of this situation.

Submitted
21/6/61

D.S(I)

4681
14/6/61.

Resubmitted. Item No 38 was proposed to be discussed at a meeting of the CE on 12/6/61. It is for considering whether we may address the CE or any Junction or await the decision of the meeting for orders.

15/6/61 16/6/61

Await 16/6

MYSORE GOVERNMENT SECRETARIAT
TAPPAL SECTION
15 MAY 1961
PUBLIC WORKS DEPARTMENT

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRIC
MYSORE STATE

Dated 13/5/1961

LETTER NO. 1899/B--1/61--8.

MYSORE GOVERNMENT SECRETARIAT
No. 4663
16 MAY
PUBLIC WORKS MAJOR IRRIGATION BRANCH

From

Shri G. N. Pathak,
Secretary, Tungabhadra Boa

To

The Secretary to the
Government of Mysore,
Public Works Department,
BANGALORE.

Sir,

Sub:- Irrigation - Krishna Delta--Second crop cultivation - Supply of Tungabhadra waters during the calendar year 1961 - Regarding.

--:*:--

I am directed to state that when the Tungabhadra Dam was completed substantially in the month of July 1953, the questic of utilisation of water stored in the Tungabhadra Reservoir ca up for discussion. The Government of Andhra Pradesh moved th Planning Commission to permit them to utilise waters stored ir Tungabhadra Reservoir for so long as it had not been completel utilised for the purpose for which it has been stored i.e. for purposes of irrigation under the Low Level Canal, the High Lev Canal and the Left Bank Canal, they may be permitted to utilis this water for growing the second crop in the Krishna Delta or a purely temporary basis without involving any rights by the temporary usage on the condition that a reasonable credit woul be afforded to the Project by the Government of Andhra Pradesh for the utilisation of this water. The Planning Commission approved the proposal to utilise the surplus waters of the Tungabhadra Reservoir for the Krishna Delta and requested the Tungabhadra Board to discuss the interim utilisation of the waters stored in the Tungabhadra Reservoir in the year 1954-5 at its next Meeting with a view to arrive at the best programm for this utilisation in the largest interests of the country as a whole. The Tungabhadra Board accordingly discussed the

LETTER NO. 1898/B--1/61--8.

From

Shri G. N. Pathak,
Secretary, Tungabhadra Board.

The Secretary to the
Government of Mysore,
Public Works Department,
BANGALORE.

Sir,

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subject at its Meeting held on the 19th and 20th November 19 and agreed to supply water for growing the second crop in th Krishna Delta subject to the requirements of the ayacut as i developed in the Tungabhadra Project. It was also mentioned this permission would be a purely temporary one without any commitment to the future and that the extra revenue derived the Government of Andhra by growing the second crop would be apportioned between the Governments concerned in such propor as may be determined.

2. From that year, the Tungabhadra Board has been lett: down water from the Tungabhadra Reservoir for raising the second crop in the Krishna Delta. This subject was consider by the Board at its Fourth Meeting (1960-61) held in the mo or November 1960. The Board decided that waters of the Tungabhadra Reservoir be let down in the river for being us for purposes of irrigating the second crop in the Krishna Delta during 1960-61 on the following conditions:--

a) The quantity of water to be supplied would depend upon its availability and the Government of Andhra Pradesh would pay charges for the waters utilised as in previous ye

b) This will not be treated as a precedent for getting supplies of waters from the Tungabhadra Reservoir in future and will not create any claim whatsoever.

3. The Tungabhadra Board let down waters from the Reservoir as it was being let down during the previous year Due to inflow being very low this year in the Krishna, the Board had to let down some more quantity of water than it w let down during the previous years for saving the standing crop lying in the Krishna Delta.

4. The question of the quantity of water to be released

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4. The question of the quantity of water to be released

from the Tungabhadra Reservoir during the calendar year 1962 for purposes of growing the second crop in the Krishna Delta was considered by the Board at its First Meeting (1960-61) held at Tungabhadra Dam on the 7th and 8th May 1961. The Boar decided that the Secretary, Tungabhadra Board may convene a Meeting of the Chief Engineers, Irrigation and Electricity of the two States at an early date in order to prepare the working table for determining the surplus waters that may be released for growing the second crop in the Krishna Delta during the year 1962. The Board also decided that in preparin the working table, the needs of both Irrigation and Power under the Tungabhadra Project might be kept in view. The Boar further decided that you may be requested to intimate to it the ayacut under the pre-moghul channels in the Mysore State for the last 7 years. It is seen that there are as many as 8 pre-moghul channels in the Bellary district and 8 in the Raichur district as detailed below:--

BELLARY DISTRICT:

Anicut.	Name of Channel.
Valvapur	Basavanna Channel.
Hosakota	Raya channel
Hosur	Bella channel
Turta	Turta Channel
Ramasagar	Ramasagar channel
Kampli	Kampli Channel and Bellagondanahal Channel
Siruguppa	Siruguppa Channel
Desanur.	Desanur channel

RAICHUR DISTRICT

Koregal	Koregal channel
Hulgi.	Hulgi channel
Sivapur	Sivapur channel
Sanapur	Anagundi channel
Upper Gangawati	Upper Gangawati Channel
Lower Gangawati.	Lower Gangawati Channel (Completely ruined)
Bennur Anicut	
Buchal Anicut.	Buchal Channel.

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Hosur	Bella channel
Turta	Turta Channel
Ramasagar	Ramasagar channel
Kamplt	Kamplt Channel and
	Bellagondanhal Channel
Siruguppa	Siruguppa Channel
Desanur.	Desanur channel

RAICHUR DISTRICT

Koregal	Koregal channel
Hulgi.	Hulgi channel
Sivapur	Sivapur channel
Sanapur	Anagundi channel
Upper Gangawati	Upper Gangawati Channel
Lower Gangawati.	Lower Gangawati Channel
Benur Ayacut	(Completely ruined)
Buchal Ayacut.	Buchal Channel.

5. It is proposed to have a Conference of the Chief Engineers at Tungabhadra Dam on the 12th June 1961. I therefore request you kindly to request the Chief Engineer, Irrigation Projects, Munirabad, the Chief Engineer, Hydro Electric Construction Projects, Mysore and the Chief Engineer Mysore State Electricity Board to attend the Meeting on that date at Tungabhadra Dam. A copy of this letter is being endorsed to them for their reference. Two copies of the note for Agenda will be sent to you and to the concerned Chief Engineers by 31st May 1961. The ayacut under the pre-moghul channels mentioned above during the last seven years may please be intimated to me.

Yours faithfully,

Secretary,
Tungabhadra Board.

CC: 1) the Chief Engineer, Irrigation Projects, Munirabad.

ii) the Chief Engineer, Hydro Electric Constructi n Projects, Bangalore.

iii) the Chief Engineer, Mysore State Electricity Board, Bangalore.

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Yours faithfully,

Secretary,
Tungabhadra Board

CC: i) the Chief Engineer, Irrigation Projects, M

ii) the Chief Engineer, Hydro Electric Construction Projects, Bangalore.

iii) the Chief Engineer, Mysore State Electricity Board,

Appendix F. G.—1]

SUBJECT..... Arrears of Land

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Diary No. of letter replied to .....

Section

File No.

Mysore Government Secretariat.

Serial No.

( )

the *195* .

No. 4663/MC

To

Date of issue.....

to be addressed Separately

The CE TP.

The CE. HE

The CE. MS.

Signed by.....

Despatched in No. P.W.D. 4663/M61

Dated...27/5/61.....

lhm

Sir,

I am directed refer to letter 1899/13-1/61-8 from the Secy. TB. addressed to Con a copy endorsed

List of enclosures .....

Copied by .....

Examined by .....

WD 04696—GPB—PZS—8 00 000—22-3-60

... the above subject, and to request you ...

... to attend the conference of the Eig. TO be ...

held at T.B. Dam on the 12th June

1961.

2. I am also to request you ...

To be included only in CE&S's ... to furnish details of the agent ... under the proposed channels in the area ... and the water requirements thereof

State for the last 7 years ... to this office for examination ... and forwarded to the Board ...

GOVERNMENT OF MYSORE

No. PWD 4363/M1/61.

Mysore Government Secretariat.
Vidhana Soudha.
Dated, Bangalore, 27th May, 1961.

From

T.G. *Secretary to the Government of Mysore,*
Public Works Department.

To
The Chief Engineer, Irrigation Projects.
The Chief Engineer, Hydro-Electric Construction Projects.
The Chief Engineer, Mysore State Electricity Board,

Sir,

Sub:- Irrigation - Krishna Delta--Second crop cultivation - supply of Tungabhadra waters during the calendar year 1961 - regarding.

= = = = =

I am directed to refer to letter No.1899/B-1/61-8 dated 13-5-61 from the Secretary, TungaBhadra Board, addressed to Government and a copy endorsed to you on the above subject and to request you to attend the conference of the Chief Engineers to be held at Tunga-Bhadra Dam on the 12th June 1961.

I am also to request you to furnish details of the ayacut under the pre-Moghal channels in the Mysore State and the water requirements thereof for the last 7 years to this Office for examination and forwardal to the Board.

Yours faithfully,

Forwarded in No. [illegible]
Dated....27/5/61.....

(C.J. VENKATESA DAS),
Deputy Secretary to Government
Public Works Department(irrin)

ksk.

Appendix F. G.—1]

SUBJECT As at P 109 C/F

Diary No. of letter replied to .....

Mysore Government Secretariat,

( )

the 195 .

File No.

Serial No.

No. PWD. 26 MTB 61.

To

The CE IP.

Sir,

I am directed to refer to the correspondence ending with G.L No PWD. 4663/ME/61 dt 27/5/1961 on the above subject and to request kindly you to forward intimate result of the test/ examination by

Date of issue.....

Signed by.....

List of enclosures.....

Copied by.....

Examined by .....

Despatched in No. P.W.D.

Dated 30/6/61

WD 04696—GPB—P2S—8 00 000—22-3-60

The meeting of the CEG held on 21/6/01

at TBP am

27/6/01

27/6/01

PWD 26 MTB 61.

113

30th June 61

The

Public Works Department.

The Chief Engineer,
Irrigation Projects,
Munirabad.

SIR:-

Sub:- Irrigation - Krishna Delta cultivation - supply of Tungabhadra waters during the calendar year 1961 - regarding -.

-:0:-

I am directed to refer to the correspondence ending with Government Letter No. PWD 4663/MI/61, dated 27th May 1961 on the above subject and to request you kindly to intimate the result of the meeting of the Chief Engineers held on 12th June, 1961.

Yours faithfully,

C. J. Venkatesa Das 30.6.61

(C.J. VENKATESA DAS),
Deputy Secretary to Government,
Public Works Department(Irrin).

B.N.PATHAK,
Secretary.

PWD 26 CTM 61

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

MYSORE GOVT. SECRETARIAT
No 885
27 JAN 1962
PUBLIC WORKS (MAJOR IRRIGATION)

SECRETARIAT GOVERNMENT
No. D.O. 64
27 JAN 1962
PUBLIC WORKS & ELEC. DEPTT.

Dated 23rd Jan. 1962

O. Letter No. 8899/B1/61-31

Dear Shri Fernandes,

With reference to the telephonic conversation which I had yesterday with you, I shall be coming to Bangalore on the 30th January, 1962 with connected papers regarding the release of surplus water from the Tungabhadra reservoir for growing second crop in the Krishna delta. I have requested our Chief Engineer, Shri Subhan Khan to be present atBangalore on that date.

With regards,

Yours sincerely,

(G.N.PATHAK)

Shri P.J. Fernandes,
Secretary to Government,
Public Works & Electricity Department,
Bangalore.

Submitted
The relevant file is placed below. This may be submitted to Secy PWD for perusal

27/1/62 30/1/62

CAMP: BANGALORE.

G. N. PATHAK,
Secretary.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 1--2-- 1962.

D.O.letter No.9832/B1/61--2

SECRETARIAT
No. D.O. No. 79
1 FEB 1962
PUBLIC WORKS

ear Shri Fernandes,

Sub: Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra waters during 1961-62 - Regarding.

-:oo:-

I am enclosing herewith a copy of this Board's Order o.9832/B1/61--2 dated 1-2-1962 regarding the release of wate rom the Tungabhadra Reservoir for growing a second crop n the Krishna Delta during the year 1962. It may be seen herefrom that the total quantity of about 34 to 35 T.M.C.ft. f water will be released from the Tungabhadra Reservoir fter meeting the needs of both Irrigation and Power of the ungabhadra Project during the year 1962.

. The subject is being placed before the Board at its next eeting and will figure in Section I of the Agenda.

With kind regards,

Encl: 1

Yours sincerely,

(G. N. PATHAK) 1/2/62

Shri P. J. Fernandes,
Secretary to Govt. of Mysore,
P.W. & E. Department,
BANGALORE.

MYSORE GOVT.
No. 1105
2 FEB 1962
PUBLIC WORKS

62

CAMP: BANGALORE.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 1--2-- 1962.

MEMORANDUM NO.9832/B1/61--2.

Read
Sub: Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra waters during 1961-62 - Regarding.

-:oo:-

The Tungabhadra Board decided at its Second Meeting (1961 held at Bangalore on the 28th, 29th and 30th August 1961 that the Chief Engineer, Irrigation Branch might be requested to convene a Meeting of the Chief Engineers (Irrigation and Power) of the Governments of Andhra Pradesh and Mysore in the first week of November 1961 in order to determine the surplus waters that could be released from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the year 1962 keeping in view the needs of both Irrigation and Power in the Tungabhadra Project. It was also decided by the Board that the views of the Chief Engineers in the matter might be placed before it at its next Meeting.

2. The Chief Engineer, Irrigation, Andhra Pradesh requested Member representing the Government of Andhra Pradesh on the Board in his letter No.Dis.B1/23753/61 dated 20-11-1961 to move the matter with the Tungabhadra Board at its Meeting to be held in the month of November 1961 for releasing waters from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the year 1961-62 subject to the same terms and conditions stipulated in previous years. This was further followed up by a telegram from the Government of Andhra Pradesh on 1-12-61 as the Conference of the Chief Engineers was not held, the Government of Andhra Pradesh were intimated by the Board that final decision in the matter would be taken up only when the Tungabhadra Board has got the views of the Chief Engineers (Irrigation and Power) of the Governments of Andhra Pradesh and Mysore concerned with the Tungabhadra Project.

3. The Chief Engineer, Irrigation Branch, Tungabhadra Board conv.ned a Meeting of the Chief Engineers (Irrigation Power) of the Governments of Andhra Pradesh and Mysore at Hyderabad on the 20th December 1961. Another Conference was held at Bangalore on the 15th and 17th January 1962. From the proceedings of the Conference of the Chief Engineers held at Bangalore on the 15th and 17th January 1962, it is seen that the minimum reservoir level has to be maintained at 1607 during this year as the generating equipment in the Munirabad Power House is under the guarantee period and that during this period the turbine must work with the minimum reservoir level at 1607. As the requirements of irrigation under the Low Level Canal and the Left Bank Canal will permit depletion of the lake to 1620.67 during this year and as the minimum reservoir level has to be maintained at 1607, 36.43 T.M.C.ft., of water will be available as surplus. Out of this 36.43 T.M.C.ft., 15.12 T.M.C.ft. will be drawn by the Power Stations on the right side of the river and 9.11 T.M.C. by the Power Station on the left side of the river during this year making a total of 24.23 T.M.C.ft. Thus, 12.20 T.M.C. of water will be surplus to the requirements of irrigation and power under the Tungabhadra Project during the first four months of the calendar year 1962.

4. At the time of preparation of the working table for the Tungabhadra Reservoir for the year 1962, it has been assumed that the reservoir level on 1st February will be 1628.5 but due to the depletion of the Bhadra reservoir situated in the upper reaches, the reservoir level on 1st February will be 1629.15. Thus, an additional storage of 2 T.M.C.ft. of water is available over and above the figures assumed by the Chief Engineers during the Meeting held at Bangalore on the 15th and 17th January 1962. Thus, 14.20 T.M.C.ft. of water would be surplus to the requirements of both irrigation and power under the Tungabhadra Project during the year 1962.

5. The Chief Engineer, Irrigation Projects, Mysore had stated during the Meeting of the Chief Engineers held at Bangalore on the 15th and 17th January 1962 that as per the cropping pattern approved by the Government of Madras, no water has to be let down in the Low Level Canal beyond the Hagari river after 15th February. As the irrigation has not been fully developed under the Tungabhadra canals and as water is being let down by the Tungabhadra Board during the last six years in the Low Level Canal after 15th February beyond the Hagari river which partly serves the needs of drinking water for the Adoni town, 3.75 T.M.C.ft. of water will be allowed in the Low Level Canal for meeting the needs of irrigation beyond the Hagari river from 15-2-1962 to 14-4-1962 this year. As this quantity of water will be available for the generation of power on the right bank of the Tungabhadra river and as this will not be available for being let down in the river, the two power stations will be in a position to let down only 20.48 T.M.C.ft. of water in the river after the generation of power.

6. Under the circumstances explained above, the Chairman, Tungabhadra Board has been pleased to decide that --

(a) the lake level may be maintained at 1607 during the year 1962.

(b) the supply of water in the Low Level Canal for the ayacut located beyond the Hagari river during the period from 15th February to 15th April may be maintained in the year 1962 also.

(c) the water may be let down in the river through power stations according to the agreement reached by the Chief Engineers on the 15th and 17th January 1962.

(d) the extra quantity i.e. 13 to 14 T.M.C.ft. of water over and above the water to be let down in the river through the power stations may be let down from 1st February 1962 to 5th April 1962 in such quantity and for such periods as may suit the requirements of the Chief Engineer, Irrigation, Andhra Pradesh. It will be for him to decide whether he will take the supply in smaller doses for longer periods or bigger doses for shorter periods according to his requirements.

2. The Chairman has also been pleased to decide that the supply of water from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta would be subject to the following two conditions on which the water has been released by the Tungabhadra Board for the last eight years.

(a) The Government of Andhra Pradesh would pay charges for the waters utilised by them as in previous years.

(b) This would not be ~~xx~~ treated as a precedent for getting supply of water from the Tungabhadra Reservoir in future for growing a second crop in the Krishna Delta and would not create any claims or rights, whatsoever.

3. These orders will be operative for the calendar year 1962.

(G. N. PATHAK)
SECRETARY, T.B.BOARD.

To
The Chief Engineer,
Irrigation Branch.

cc: i) the Chief Engineer, Irrigation, Andhra Pradesh.
ii) the Chief Engineer for Electricity, T.B.Board.
iii) the Chief Engineer, H.L.C.P., Bangalore.
iv) the Chief Engineer, H.S.L.B.,
v) the Superintending Engineer, Irrigation Branch.
vi) the Superintending Engineer, Hydro Electric Scheme.
vii) the Superintending Engineer, H.L.C.P., Munirabad.
viii) File No.1899/B1/61.

CAMP: BANGALORE.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 1--2-- 1962.

Letter No.9832/B1/61--4.

SECRETARY TO GOVERNMENT
No. T. 163
PUBLIC WORKS & ELEC. Dept.

From
Shri G. N. Pathak,
S e c r e t a r y.

To
The Secretary to the Govt. of Mysore,
Public Works & Elecy. Department,
BANGALORE.

MYSORE GOVT.
No 1106
2 FEB 1962
PUBLIC WORKS (...JON IRRIGATION)

Sir,

Sub: Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra water during 1961-62 - Regarding.

-oo:-

I am directed to enclose herewith a copy of this Board's order No.9832/B1/61--2 dated 1-2-1962 regarding the release of water from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the year 1962. It may be seen therefrom that in all 34 to 35 T.M.C.ft. of water will be released from the Tungabhadra Reservoir into the Tungabhadra river during the year 1962 after meeting the needs of both Irrigation and Power of the Tungabhadra Project.

Encl: 1

Yours faithfully,

(G.N.PATHAK)
SECRETARY, T.B.BOARD.

CAMP: BANGALORE.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 1--2-- 1962.

MEMORANDUM NO.9832/B1/61--2.

From

Sub: Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra waters during 1961-62 - Regarding.

-:oo:-

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3. The Chief Engineer, Irrigation Branch, Tungabhadra Board convened a Meeting of the Chief Engineers (Irrigation & Power) of the Governments of Andhra Pradesh and Mysore at Hyderabad on the 20th December 1961. Another Conference was held at Bangalore on the 15th and 17th January 1962. From the proceedings of the Conference of the Chief Engineers held at Bangalore on the 15th and 17th January 1962, it is seen that the minimum reservoir level has to be maintained at 1607 during this year as the generating equipment in the Munirabad Power House is under the guarantee period and that during this period the turbine must work with the minimum reservoir level at 1607. As the requirements of irrigation under the Low Level Canal and the Left Bank Canal will permit depletion of the lake to 1620.67 during this year and as the minimum reservoir level has to be maintained at 1607, 36.43 T.M.C.ft., of water will be available as surplus. Out of this 36.43 T.M.C.ft., 15.12 T.M.C.ft. will be drawn by the Power Stations on the right side of the river and 9.11 T.M.C. by the Power Station on the left side of the river during this year making a total of 24.23 T.M.C.ft. Thus, 12.20 T.M. of water will be surplus to the requirements of irrigation and power under the Tungabhadra Project during the first four months of the calendar year 1962.

4. At the time of preparation of the working table for the Tungabhadra Reservoir for the year 1962, it has been assumed that the reservoir level on 1st February will be 1628.5 but due to the depletion of the Bhadra reservoir situated in the upper reaches, the reservoir level on 1st February will be 1629.15. Thus, an additional storage of 2 T.M.C.ft. of water is available over and above the figures assumed by the Chief Engineers during the Meeting held at Bangalore on the 15th and 17th January 1962. Thus, 14.20 T.M.C.ft. of water would be surplus to the requirements of both irrigation and power under the Tungabhadra Project during the year 1962.

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7. The Chairman has also been pleased to decide that the supply of water from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta would be subject to the following two conditions on which the water has been released by the Tungabhadra Board for the last eight years.

(a) The Government of Andhra Pradesh would pay charges for the waters utilised by them as in previous years.

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8. These orders will be operative for the calendar year 1962.

(G. N. PATHAK) 1/2/62
SECRETARY, T.B.BOARD.

To
The Chief Engineer,
Irrigation Branch.

cc: i) the Chief Engineer, Irrigation, Andhra Pradesh.
ii) the Chief Engineer for Electricity, T.B.Board.
iii) the Chief Engineer, H.E.C.P., Bangalore.
iv) the Chief Engineer, M.S.E.B., "
v) the Superintending Engineer, Irrigation Branch.
vi) the Superintending Engineer, Hydro Electric Scheme.
vii) the Superintending Engineer, H.E.C.P., Munirabad.
viii) File No.1899/B1/61.

TUNGABHADRA SECRETARIAT.

From

Shri G. N. Pathak,
Secretary,
Tungabhadra Board,
Tungabhadra Dam P.O.

To

The Chairman,
and the Members of
The Tungabhadra B

Letter No. 630/E-2/61--45. dated 12/5/1961.

Sir,

Sub:- First Meeting (1961-62) of the Tungabhadra Board--Minutes of the Proceedings of the--Forwarded.

Ref:- This Board's letter No. 630/E-2/61-37. dated 25-4-1961.

---:::---

I am directed to forward herewith in duplicate the Minutes of the Proceedings of the First Meeting (1961-62) of the Board held at Tungabhadra Dam from the 7th to the 9th of May 1961.

Encl:- Two Copies of Minutes.

Yours faithfully,

(G.N.Pathak)
Secretary,
Tungabhadra Board.

S.a.r. 11/5.

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MINUTES OF THE PROCEEDINGS OF THE FIRST MEETING (1961-62) OF THE TUNGABHADRA BOARD HELD AT TUNGABHADRA DAM FROM THE 7TH TO THE 9TH OF MAY 1961 .

---:::---

P R E S E N T S:

1. Shri B. K. Gokhale, .. CHAIRMAN.
2. Shri L. Venkatakrishna Ayyar, .. MEMBER.
   Irrigation Adviser & Consulting Engineer, Government of Andhra Pradesh.
3. Shri R. Srinivasan, .. MEMBER.
   Secretary to the Government of Mysore, Public Works & Electricity Department, BANGALORE.
4. Shri G.V. Chittal, ..
   Finance Officer (IPP), Government of India, Ministry of Finance, Department of Expenditure.

REPRESENTING:

Shri P.C. Bhattacharya, MEMBER
Joint Secretary to the Government of India, Ministry of Finance, NEW DELHI.

5. Shri G. N. Pathak. SECRETARY.

--:::--

The following Officers also attended the Meeting by Special invitation. The Board thanks them for attending the Meeting:-

1. Shri M. Subhan Khan, Chief Engineer, Irrigation Branch, Tungabhadra Board.
2. Shri Md. Ghouse Modin, Deputy Commissioner, BELLARY.
3. Shri H.V. Narayana Rao, Chief Engineer, Hydro Electric Construction Projec BANGALORE.
4. Shri G. Sambasiviah, Chief Engineer (Electricity), Mysore State Electricity Board, BANGALORE.

I N D E X.

Sl. No.	Index/File No.	Subject.	
1.	2.	3.	
	9373/E-2/60.	Confirmation of the Minutes of the Proceedings of the Fifth Meeting (1960-61) of the Board.	1

BOARD AND COMMON ITEMS.

1.	II/B/B-1. 2786/M-1/61.	Establishment--Non-Gazetted--Sri Durgoji Rao, Peon of the Office of Chairman, Tungabhadra Board--Arrear claim of Dearness Allowance--Pre-audit of bill--Regarding.	1
2.	II/B/B-2. 10739/M-2/60.	Establishment--Gazetted--Ramakrishna (Dr. H.V.)--Posting into the Board --Regarding.	1
3.	II/B/B-3. 9947/M-2/60.	Establishment--Non-Gazetted--Gangadharappa (Shri D.S.), Civil Assistant Surgeon, Hampi Camp Dispensary--Utilisation of Departmental Van for private purposes--Waival of hire charges--Orders--Sought.	2
4.	II/B/B-4. 2175/A/59.	Establishment--Medical Department--Krishnaswamy (Sri M), Male Nursing Orderly--Grant of periodical increment--Payment of arrears--Orders--Regarding.	2
5.	II/B/B-5. 2517/M-2/61.	Establishment--Public Health Department--Regular peons of the Mysore State Service--Utilisation of services as Mazdoors--Creation of Supernumarary posts--Regarding.	3
6.	II/B/B-6. 2567/M-2/61.	Establishment--Public Health Department--Grant of additional charge. allowance--Orders--Sought.	3
7.	III/B/B-1. 7363/M-2/60.	Lands and Buildings--Improvements to Hampi Dispensary and Isolation Ward -- Providing permanent fencing --Orders--Sought.	4
8.	V/B/B-1. 8874/E-1/60.	Establishment--Working hours of offices in the Board area on Saturdays change in the--Orders--Sought.	4

9. V/B/B-2. 10063/M-2/60. Multipurpose food--Supply to the I patients of the Hospital at Tungabhadra Dam--Regarding.

10. VI/B/B-1. 2565/B-2/61 ommon items of expenditure--Share etween the Irrigation Branch and he Hydro Electric Scheme--Request o Messrs. Tungabhadra Steel Products Limited to bear a moiety of xpenditure--Orders--Sought.

3600/E-2/61 ixing the dates and place for the ext Meeting.

IRRIGATION ITEMS.

3177/B-1/ eport on the Progress and Progra of works in the Irrigation Branch of the Tungabhadra Board for the period ended 31-3-1961.

11. II/I/B-1. 2676/E-1/6 chools--Elementary Schools--Tungabhadra Project--Sanction to the further continuance beyond 31st M 1961--Orders--Sought.

12. II/I/B-2. 10588/E-1/ Establishment--Gazetted--Channara Urs (Sri B.V), Executive Engineer Civil Division--Earned leave--Sanction--Orders--Sought.

13. II/I/B-3. 9699/E-1/6 Establishment--Gazetted--Venkata Reddy (Shri K), Personal Assistan to the Executive Engineer, Civil Division--Earned leave--Sanction--Orders--Sought.

14. II/I/B-4. 7617/E-1/ Establishment--Gazetted--Panchaksharappa (Shri E), Officer in charge of Technical Section to th Chief Engineer, Irrigation Branch Tungabhadra Board--Earned leave--Sanction--Orders--Sought.

15. II/I/B-5. 997/CC/61 Establishment--Gazetted--Posting of Assistant Engineers in the Board area--Regarding.

16. II/I/B-6. 7959/E-1/5 Establishment--Non-Gazetted--Thivengadachar (Shri M.C.), Junior Engineer--Preaudit and Investigation of arrears bill--Sanction--Orders--Sought.

17. II/I/B-7. 1450/E-1/6 Establishment--Non-Gazetted--Supervisors in the High Level Canal Division No.III--Halt at Develapura for more than a month--Drawal of daily allowance--Orders--Sought.

1.	2.	3.
18.	II/I/B-8. 2807/E-1/61.	Establishment--Non-Gazetted--John (Sri S), Retired Upper Division Clerk--Re-employment under the Tungabhadra Board--Orders--Sought.
19.	II/I/B-9. 1316/E-1/61. 1315	Est-ablishment--Workcharged--Payment of Daily Allowance to the members of the--for attending to t work of "Lowering the Madallagatta Anicut"--Sanction--Orders--Sought.
20.	II/I/B-10. 7523/E-1/60.	Establishment--Staff deputed for the erection of gates for the--Kotah Barrage--Payment of Daily Allowance--Treating as Special Pay --Orders--Sought.
21.	III/I/B-1. 1181/B-1/61.	Telephones--Shifting of Auto-Telephone Nos. 25 and 46 from the Railway Station to Repair yard and from the Old Office room to the new Office room of the Executive Engineer, High Level Canal Divisic No.I, Amaravathi--Sanction--Orders Sought.
22.	III/I/B-2 930/B-1/61.	Muster Rolls--Loss of Nominal Must Roll of Kurugodu Sub Division for the period from 28-10-1960 to 30-10-1960--Payment to the labour on the duplicate copy of Nominal Muster Roll--Orders--Sought.
23.	III/I/B-3. 4095/E-1/59.	Lands and Buildings--Sparing of Quarters to the Government of Mysc for use by their officers posted a Munirabad--Orders--Sought.
24.	III/I/B-4. 2667/B-1/61.	Education--Tamil and Telugu Sectic in the Municipal High School at Hospet--Continuance during the yea 1961-62--with the school year and under the system of education as obtaining in Madras (Composite) State--Orders--Sought.
25.	III/I/B-5. 112./B-1/61.	Vaikunt Guest House--Addition of First floor--Regarding.
26.	III/I/B-6. 6237/A/57.	Posts and Telegraphs--Telephone Exchange at the Tungabhadra Dam --Installation of additional selectors--Requested.
27.	III/I/B-7. 2975/B-1/61.	Roads and Bridges--Construction of cause-way across the halla near Bhyrapuram village of Siruguppa Taluk--Orders--Sought.

1.	2.	3.
28.	III/I/B-8. 2661/B-1/59.	Settlement of claims--Construction of Railway bridge at 31/1 Power Canal--Refund of withheld amount of Rs. 161-19 in the final bill to Messrs. Gannon Dunkerley and Company Madras--Orders--Sought.
29.	III/I/B-9. 2670/B-1/61.	High Level Canal Scheme Stage I--Construction of quarters for the Public Health and the Medical staff --Provision of extra grant--Orders --Sought.
30.	III/I/B-10. 2716/B-1/61.	High Level Canal Scheme--Stage I--Construction of Under Tunnel at mile 58-7-100--Acceptance of tender --Orders--Sought.
31.	III/I/B-11. 2498/B-1/61.	Lands and Buildings--Transfer of the Inspection Bungalow at Bapuram to the Panchayat Samithi Alur--Orders--Sought.
32.	III/I/B-12. 7112/B-1/60.	Survey report--Disposal of unserviceable stores by Public Auction --Orders--Sought.
33.	IV/I/B-1. 1679/B-1/61.	Water supply--Supply of water to the Co-operative Sugar Factory at Kampli-Postponement of the closure period by one week during the calendar year 1961--Regarding.
34.	IV/I/B-2. 10436/B1/60.	Irrigation--Bellary District and Taluk--Moka village--Hagari Spring Channel--Failure of water supply to Channel--Other arrangements--Orders--Sought.
35.	IV/I/B-3. 432/B-1/61.	Agreements and Contracts--Payment of part-rates to Messrs. Gannon Dunkerley & Company, Madras for work done in connection with Daroji Tunnel works pending acceptance of Agreement--Orders--Regarding.
36.	IV/I/B-4. 2536/B-1/61.	Agreements and Contracts--Purchase of drilling equipment from Messrs. Consolidated Pneumatic Company, Bombay--Waiver of earnest Money Deposit--Orders--Sought.
37.	IV/I/B-5. 3276/B-1/59.	Lands and Buildings--Site allotted to the Tungabhadra Project Milk supply Co-operative Society--Shifting to the new Site--Orders--Sought.

1.	2.	3.
38.	IV/I/B-6. 1899/B-1/61.	Irrigation--Krishna Delta--Second crop cultivation--Supply of Tungabhadra waters during the calender year 1961--Regarding.
39.	V/I/B-1. 5613/B-1/59.	Accounts and Accounting Procedure--Appropriation Accounts for 1959-60--Important objections taken from the Inspection Reports of the Workshops and Machinery Division for the year 1954-55--Railway claims--Write off--Regarding.
40.	V/I/B-2. 6558/B-1/59.	Valuation of the assets of the Tungabhadra Project Workshop--Transfer to Messrs. Tungabhadra Steel Products Limited--Regarding.
41.	V/I/B-3. 1642/B-1/61.	Coloured photographs--coloured Photographs of Tungabhadra Dam--Administrative approval--Orders--Sought.
42.	V/I/B-4. 1409/B-1/61.	Charges--Recovery of Seigniorage charges for stones and sand quarried for the Tungabhadra Project works--Orders--Sought.
43.	VI/I/B-1. 1043/B-1/61.	Accounts and Accounting Procedure--Payment of 90 % of value of drill rods in advance to Messrs. Batliboi & Company and balance after the receipt of the materials--Deviation from Modal Rules--Orders--Sought.
44.	VI/I/B-2. 1041/B-1/61.	Accounts and Accounting Procedure--Reserve Stock Limit for the High Level Canal Division No. III for the year 1960-61--Sanction--Sought.
45.	VI/I/B-3. 1539/B-1/61.	Accounts and Accounting Procedure--Fixation of Storage charges for year 1960-61 for the High Level Canal Division, No. III--Orders--Sought.
46.	VIII/I/B-1. 10545/B1/60.	Plant and Machinery--Rationalisation of Procedure for the disposal of surplus Machinery--Adoption of the Recommendations of the Government of India--Orders--Regarding.

LAND ACQUISITION & REHABILITATION ITEMS:

47.	II/L/B-1. 712/B-1/60.	Establishment--Non-Gazetted--Monnayya (Sri C), Special Tahsildar, Tungabhadra Project--Drawal of excess Project allowance--Waiver of--Orders

1.	2.	3.
48.	II/L/B-2. 299/M-2/61.	Establishment--Travelling Allowance Bill of Sri Noor Ahamed, Special Deputy Tahsildar of the office of the Special Assistant Commissioner No.I, Tungabhadra Project, Hospet--Authorisation for preaudit and investigatio of the claim--Regarding.
49.	III/L/A-1. 8089/57/B-1	Land Acquisition and Rehabilitation--Rehabilitation of displaced persons from under the Tungabhadra Reservoir upto plus 1635 contour in Dharwar District--Regarding.
50.	III/L/B-1. 1249/M-2/61.	Land Acquisition and Rehabilitation--Tungabhadra Project--Construction of School building and a Coultry-cum-Guest House in the rehabilitated colony of Hampasagar village--Utilisation of old building materials free of cost--Sanction of--Orders--Sought
51.	III/L/B-2. 2379/M-2/61.	Land Acquisition and Rehabilitation --Provision of amenities to the residents of Venkatapur Colony--Orders --Sought.
52.	III/L/B-3. 9096/M-2/60.	Land Acquisition and Rehabilitation --Rehabilitation of persons--Estimat for constructing a masonry well and forming a cart track from old villag to the proposed colony of Gollanaga-nahalli village--Sanction--Sought.
53.	III/L/B-4. 2335/M-2/61.	Land Acquisition and Rehabilitation Construction of new Chavadi at Hakar village--Sanction--Orders--Sought.
54.	III/L/B-5. 3039/B-1/57.	Land Acquisition and Rehabilitation Rehabilitation of persons displaced from under the Tungabhadra Reservoi --Rehabilitation of Pura village--Orders--Sought.
55.	III/L/B-6. 1499/M-2/61.	Land Acquisition and Rehabilitation Provision of amenities to the residents of Enigi Basapur Colony--Sanction--Orders--Sought.
56.	III/L/B-7. 3192/M-2/61.	Land Acquisition and Rehabilitation --Provision of amenities to the residents of Somalapur village--Orders--Sought.

1.	2.	3.
		HYDRO ELECTRIC ITEMS:
	I/H/B-1. 2915/B-2/61.	Report on the Progress and Programme of works on the Hydro Electric Scheme of the Tungabhadra Board for the period ending 31/3/1961.
57.	II/H/B-1 10109/E2	Establishment--Gazetted--Ramachandra Setty (Shri K), Superintending Engineer, Hydro Electric Scheme--Sanctioning of earned leave and reposting him, the same post on expiry of leave--Orders--Sought.
58.	II/H/B-2 2111/CC/	Establishment--Posting of Assistant Engineer (Civil), in the Hydro Electric Scheme--Regarding.
59.	II/H/B-3 6849/E-2,	Establishment--Gazetted--Krishna Swamy (Sri M.V.), Assistant Engineer (Mech)--Sanctioning of privilege leave for 25 days with effect from the Fore-noon of 26-9-1960--Orders--Sought
60.	II/H/B-4 9182/E-2/	Establishment--Gazetted--Rama sastry (Sri M), Deputy Chief Accountant, Hydro Electric Scheme of the Board--Regarding.
61.	II/H/B-5. 10270/E-2	Establishment--Non-Gazetted--Shikamani (Shri K), Draftsman--Fixation of pay during the period from 18-5-54 to 30-9-57--Orders--Sought.
62.	II/H/B-6. 2169/E-2/	Establishment--Non-Gazetted--Doraiswamy Pillai (Sri A), Attender--Promotion as Lower Division Clerk under emergency provisions--Relaxation of Rule 12(a) of the General Rules for State and subordinate services--Orders--Sought.
63.	II/H/B-7. 2872/E-2/	Establishment--Provincial Workcharged Establishment--Payment of leave salary etc.--Amendment to Paragraph 596 of the Andhra Pradesh Electricity Department Manual--Adoption of G.O. Ms. No. 296 dated 8-2-1961 in the Hydro Electric Scheme under the Board --Orders--Sought.
64.	III/H/B-1. 5516/B-2/5	Tungabhadra Hydro Electric Scheme--Transmission lines--Stringing of the second 66 K.V. Line between Hampi and Bellary--Delay in placing orders --Extra cost--Approval--Sought.

1.	2.	3.
65.	III/I/B-2. 834/B-2/61.	Survey report--Write off--4 Nos. of old lorries of the Hydro Electric Scheme--Orders--Sought.
66.	III/H/B-3. 2903/B-2/61.	Transmission Towers--Provision of anticlimbing devices--Estimate for Rs.59,400/- sanction--Orders--Sought
67.	IV/H/B-1. 1311/B-2/61.	Agreement and Contracts--Supply of A.C.S.R. conductors by Messrs. Nati Insulated Cable Company of India Limited--Waiver of security deposit 90 % payment on proof of despatch--Orders--Sought.
68.	IV/H/B-2. 2874/B-2/61.	Agreements and Contracts--Contract with Messrs. K.G. Khosla & Company-Supply of spares for E.O.T. crane a Hampi Power House--90 % advance payment and waiver of security deposit --Orders--Sought.
69.	IV/H/B-3. 750/B-2/61.	Agreements and Contracts--Insisting on security Deposit--On L.P.Os exceeding Rs. 3,000/- Condonation of the Deviations--Orders--Sought.
70.	IV/H/B-4. 8375/B-2/60.	Tungabhadra Project Co-operative Stores Limited--Payment of Electric energy charges for the building occ pied by the Stores at Hampi Camp--Orders--Sought.
71.	V/H/A-1. 1838/A/55.	Tungabhadra Hydro Electric Scheme--Second stage of Power Development--Fabrication of Second Low Pressure Pipe Line--Acceptance of quotations of Messrs. Tungabhadra Steel Produc Limited--Orders--Sought.
72.	VI/H/A-1. 1247/B-2/60.	Accounts and Accounting Procedure--Revised Estimate--Administrative Approval--Orders--Sought.
73.	VI/H/B-1. 1349/B-2/61.	Accounts and Accounting Proceedure --Earnest Money Deposit--Acceptanc of deposit in the form other than treasury challan--Orders--Sought.
74.	VI/H/B-2. 234/B-2/61.	Accounts and Accounting Procedure--Adoption of Average Pricing method-Percentage of levy of over-head charges for the period from 31-12-1960 to 30-6-1961--Orders--Sought.

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P A R T I I.

	630/E-2/61.	Note on action taken and still to be taken in implementing the decisions of the Board.	51

SPECIAL SUBJECTS.

75.	3977/B-1/61.	High Level Canal--Constructing an under Tunnel at mile 60-2-00--Acceptance of tender--Regarding.	52
76.	10066/M-2/60.	Land Acquisition and Rehabilitation--Period for completion of the--Regarding.	52.

CONFIRMATION OF THE MINUTES OF THE PROCEEDINGS OF THE FIFTH MEETING (1960-61) OF THE BOARD HELD AT HYDERABAD ON THE 20TH AND THE 21ST OF FEBRUARY 1961.

Resolved that the Minutes of the Proceedings of the Fifth Meeting (1960-61) of the Board be confirmed.

File No. 7393/E2/60).

BOARD AND COMMON ITEMS.

Establishment - Non-gazetted - Sri Durgoji Rao, Peon of the office of the Chairman, Tungabhadra Board - Arrear claim of Dearness allowance - Pre-audit of bill - Regarding.

Resolved that the Accountant General, Andhra Pradesh be requested to preaudit and investigate the arrear bill of Shri Durgoji Rao amounting Rs. 188-87(Rupees One hundred and eighty eight and Np. eighty seven only) under rule 20(a) of the Mysore Financial Code.

2. It was further resolved that the orders passed by the Chairman, accordingly be ratified.

(File No. 2786/M1/61).

2. II/B/B-2. Establishment - Gazetted - Ramakrishna (Dr. H.V.) - Posting into the Board - Regarding.

Resolved that Dr. H.V. Ramakrishna be appointed as Assistant Surgeon, Grade I under the Tungabhadra Board and posted to the High Level Canal Camp dispensary, Devalapuram with effect from 10th April 1961.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 10739/M2/60).

3. II/B/B-3. Establishment - Non-gazetted - Gangadhrappa (Shri D.S.), Civil Assistant Surgeon, Hampi Camp dispensary - utilisation of departmental van for private purposes - waiver of Hire charge - Orders - Sought.

Resolved that recovery of Rs. 25.50 (Rupees Twenty Five and Naye paise fifty only) being the hire charges of the vehicle utilised by Dr. D.S. Gangadharappa, Ex-Civil Assistant Surgeon, Hampi Camp Dispensary during his illness at Hampi be waived.

2. It was furtner resolved that the orders passed by Chairman accordingly be ratified.

(File No. 9947/M2/60

Establishment - Medical Department Krishna swamy(SriN), Male nursing orderly - Grant of periodical increments - payment of arrears - Orders - Regarding.

Resolved that under Article 54 of the Madras Financial Code Volume I, the Accountant General, Andhra Pradesh be requested to pre-audit and investigate the arrear claim of Sri N. Krishna swamy, Male Nursing Orderly, Tungabhadra Project Hospital amounting to Rs. 330.78/- (Rupees Three hundred and thirty and Naye paise Seventy Eight only)

2. It was further resolved that a discount of 15 % n not be made on the bill as the delay in preferring the cla was not due to carelessness or negligence on the part of t Officer concerned.

3. It was also resolved that the orders passed by th Chairman accordingly be ratified.

5. II/B/B-5. Establishment - Public Health Department - Regular peons of the Mysore State Service - utilisation of servic as Mazdoors - Creation of supernumera posts - Regarding.

Resolved that sanction be accorded to the creation of supernumerary posts of peons in the Health Department for th periods mentioned below:--

Period.	No. of posts.
10-7-1956 to 15-7-1956	1
16-7-1956 to 2- 4-1957	2
3-4-1957 to 19-5-1957	1
20-5-1957 to 15-1-1959	2
16-1-1959 to 14-10-1960 F.N.	3
15-10-1960to 8-11-1960	2
9-11-1960 to 15-11-1960.	1

2. It was further resolved that the orders passed by the Chairman accordingly be ratified. (File No. 2517/M2/6

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6. II/B/B-6. Establishment - Public Health Depart - Grant of additional charge allowan - Orders - Sought.

Resolved that Sarvashri W.S. Venkoba Rao and B.V.Srini sa Rao be given additional charge allowance at 1/10th of th minimum pay of the post of Health Inspectors for the period exceeding four months during which they held full additiona charge of the posts of Health Inspectors in the High Level Canal Scheme.

2. It was further resolved that Shri D.S.N. Raju be g additional charge allowance at the rate of 1/5ths of his su stantive pay for having held the full additional charge of post of the Health Inspector in the High Level Canal Scheme for the period exceeding three months.

7. III/B/B-1. Lands and Buildings - Improvements to Hampi Dispensary and Isolation Ward - Providing permanent fencing - Orders - Sought.

Resolved that the Hospital and the Isolation ward in the Hampi Camp be fenced at a cost not exceeding Rs. 2,570/- (Rupees Two Thousand five hundred and seventy only)

(File No. 7363/M2/60

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8. V/B/B-1. Establishment - Working hours of Offices in the Board area on saturdays - change in the - Orders - Sought.

Resolved that the working hours on saturdays be full working days in all Offices under the Board from 1-6-61 and that the second saturday in every month be a closed holiday

2. It was also resolved that orders passed by the Chairman accordingly be ratified.

(File No. 8874/E1/60

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9. V/B/B-2. Multipurpose food - Supply to the Inpatients of the Hospital at Tungabhadra Dam - Regarding.

Resolved that the subject be recorded.

(File No. 10068/M-2/

Common items of expenditure - share between the Irrigation Branch and the Hydro Electric Scheme - Request to Mes Tungabhadra Steel Products Limited to bear a moiety of expenditure - Orders - sought.

Resolved that 1/3rd of the cost on account of the maintenance of the below mentioned items be recovered from Messrs. Tungabhadra Steel Products Limited during the year 1961-62 subject to the condition that it would be reviewed

at a later date during the next year and that the balance b apportioned between the Irrigation Branch and the Hydro Electric Scheme equally.

1. Maintaining chowki and chowki watchers at Damsite.
2. Maintaining Gurkha watchers at Damsite.
3. Maintaining level crossing at Mile 3/2-3T.B.Dam.
4. Maintaining level crossing at mile 2/10-11 HPT T.B.Dam.
5. O.R. to road from Tungabhadra Project camp to Munirabad.

2. It was further resolved that the cost on account c the following items be apportioned between the Irrigation Branch and the Hydro Electric Scheme equally.

1. O.R. Deputy Tahsildar's office.
2. O.R. to huts in East Vizag camp.
3. O.R. to huts in Vanka Camp.

3. It was also resolved that 1/3rd of the cost on acc ount of maintenance of the park and avenue in the camp area as decided by the Board at its Fifth Meeting (1960-61) need not be recovered from Messrs. Tungabhadra Steel Products Limited during the year (1961-62) and that it might be apportioned between the Irrigation Branch and the Hydro Electr Scheme equally.

(File No. 2565/B2/61

Fixing the dates and place for the next Meeting of the Board.

Resolved that the next Meeting of the Board be held at Bangalore on the 30th, 31st July and the 1st August, 196

IRRIGATION ITEMS.

Report on the progress and programme of works in the Irrigation Branch of the Tungabhadra Board for the period ended 31-3-1961.

The Board perused the report on the progress and programme of works of the Irrigation Branch. The Board noted that the Government of Mysore have not been able to place the services of Junior Engineers at the disposal of the Boa as required by it. The Board therefore decided that the quota regarding the Junior Engineers to be obtained from th Governments of Andhra Pradesh and Mysore need not be insist ed upon regidly and that the Chief Engineer, Irrigation Branch be permitted to get the Junior Engineers from eithe of the State Governments who are in a position to spare the in the interest of the speedy execution of the work. The Board further decided that this fact be brought to the notic of the Government of Mysore and that the two participating Governments be requested to place the services of Junior Engineers who have put in at least two to three years of services.

(File No. 3177/B-1/

11. II/I/B-2. Schools - Elementary schools - Tungabhadra Project - sanction to the furt continuance beyond 31st May 1961 - Orders - Sought.

Resolved that sanction be accorded to the continuance of/two the elementary schools in the Tungabhadra Dam with the following existing staff for a further period of one year

NISSAN ELEMENTARY SCHOOL.

1. Trained teacher.	One
2. Assistant Teachers.	Three
3. Additional Telugu Teachers.	Two
4. Additional Kannada Teacher	One

ELEMENTARY SCHOOL AT VANKA LABOUR CAMP IN EAST VIZAG COLONY.

	One
2. Assistant Teachers.	Two

2. It was also resolved that the Government of Mysor be requested to bear a moiety of expenditure to be incurre on these two schools as was being done by them during the previous years.

3. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 2676/E1/6

Establishment - Gazetted - Channaraj Urs (Shri B.V.), Executive Engineer, Civil Division - Earned leave - sanction - orders - Sought.

Resolved that sanction be accorded to the grant of earned leave for 12 days with effect from 6-12-1960 to Shr B.V. Channaraj Urs, Executive Engineer, Civil Division. It was also resolved that the officer be reposted to the same post on the expiry of leave.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No.10588/E1/6

13. II/I/B-3. Establishment - Gazetted - Venkata Reddy (Shri (k), Personal Assistant to the Executive Engineer, Civil Division - Earned leave - sanction - orders - Sought.

Resolved that Shri K. Venkata Reddy, Personal Assistant to the Executive Engineer, Civil Division be reposted to the same post on the expiry of leave which was sanctioned to him by the Chief Engineer, Irrigation Branch for 23 days from 21-10-1960 to 12-11-1960.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 9699/E1/60)

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14. II/I/B-4. Establishment - Gazetted - Panchaksharappa (Shri E), Officer in-charge of Technical section to the Chief Engineer Irrigation Branch - earned leave - sanction - orders - Sought.

Resolved that Shri E. Panchaksharappa, Officer in-charge of Technical Section to the Chief Engineer, Irrigation Branch be reposted to the same post on the expiry of earned leave which was sanctioned by the Chief Engineer, Irrigation Branch for 7 days from 23-11-1959.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

15. II/I/B-5. Establishment - Gazetted - Posting of Assistant Engineers in the Board area - Regarding.

Resolved that Sharva Shri J. Shanmuga Reddy and G. Guru murthy be appointed as Assistant Engineers in the Board area

2. It was also resolved that orders passed by the Chairman accordingly be ratified.

(File No. 997/CC/61).

16. II/I/B-6. Establishment - Non-gazetted - Thiruvengadachar (Sri M.C.), Junior Engineer - Pre-audit and Investigation of arrear bill - Sanction - orders - Sought.

Resolved that G.O.Ms.No. 540 dated 1-2-1960 and 1906 dated 31-3-1960 issued by the Government of Andhra Pradesh Finance Department be adopted in the Board area.

2. It was also resolved that sanction be accorded to t payment of the claim of Shri M.C. Thiruvengadachar, Junior Engineer amounting to Rs. 129-12 without pre-audit based on the certificate given by the Head of the office (i.e. the Executive Engineer, Civil Division).

3. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 7959/B1/59).

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17. II/I/B-7. Establishment - Non-gazetted - Supervisors in the High Level Canal Division No. III - Halt at Devalapuram for more than a month - Drawal of daily allowance - Orders - Sought.

Resolved that sanction be accorded to the payment of daily allowance to the following Supervisors of the High Leve

Canal Division III who stayed at Devalapuram for the peri
noted against each at full rates for the First ten days a
at 3/4ths of the full rates for the period in excess of
ten days.

Sharva Shri

1. K. Mallappa. 4-5-1960 to 31-7-1960.

2. P.V. Venkoba Rao. 5-5-1960 to 31-7-1960.

3. M. Subba Reddy 5-5-1960 to 31-7-1960.

4. K. Gurumurthy 4-5-1960 to 31-7-1960.

2. It was also resolved that they might be permitte
to camp at Devalapuram for more than 30 days.

3. It was further resolved that orders passed by th
Chairman accordingly be ratified.

(File No. 1450/E1/

18. II/I/B-8. Establishment - Non-gazetted - John (Sri S), Retired Upper Division Clerk - Re-employment under the Tungabhadra Board - orders - Sought.

Resolved that sanction be accorded to the re-employment of Shri S. John, retired upper Division Clerk for a further period of one year with effect from the date of his re-employment.

2. It was also resolved that the orders passed the Chairman accordingly be ratified.

19. II/I/B-9. Establishment - Workcharged - payment of daily allowance to the members of the - for attending to the work of "Lowering the Madallagatta Anicut" - Sanction - orders - Sought.

Resolved that the previsions contained in Rule 44(2) of the Manual of Special pay and Allowances part II of the Andhra Pradesh Government be relaxed in order to enable the under mentioned members of the work-charged establishment to get daily allowance at the full rates for the first ten days and at $\frac{3}{4}$th of the ordinary rates for the remaining days during the period March to July 1959 when they stayed at Madalagatta in connection with the lowering of the Madallagatta anicut.

Sarva Shri.

1. Ponnu swamy
2. Gnaprakasam
3. Nazir Ahmad
4. L.R. Simhachalam
5. B. Kari Basappa.

2. It was also resolved that the orders passed by the Chairman accordi[illegible] be ratified.

(File No. 1315/E1/61).

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20. II/I/B-10. Establishment - Staff deputed for the erection of gates for the Kotah Barrage - Payment of daily allowance - treating as Special Pay - Orders - Sought.

Resolved that the residential allowance paid to the erection staff stationed at Kotah till 31-3-1960 be treated as compensatory allowance under fundamental Rule 9 (5).

(File No. 7523/E1/60).

21. III/I/B-1. Telephones - shifting of Auto Telephones No. 25 and 46 from the Railway station to the Repair yard and from the old office room to the new office room of the Executive Engineer, High Level Canal Division No. I, Amaravathi - Sanction - Orders - Sought.

Resolved that sanction be accorded to the shifting of the telephones Nos. 25 and 46 from the Railway station to the Repair yard and from old office room to New office room of the Executive Engineer, High Level Canal Division No. I, respectively at a total cost of Rs. 80/- i.e. Rs. 40/- each.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 1181/B1/61).

22. III/I/B-2. Muster rolls - loss of Nominal Muster roll of Kurugodu Sub Division for the period from 28-10-60 to 30-10-60 - payment to the labourers on the duplicate copy of Nominal Muster Roll - Orders - Sought.

Resolved that sanction be accorded to the deviation made from paragraph 291 (a) of the Madras Public Works Account Code by the Executive Engineer, Civil Division in having paid a sum of Rs. 39-50 to the labourers of the Kurugodu Sub Division for the period from 28-10-60 to 30-10-60 on the strength of the duplicate copy of the nominal Muster Roll.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

Minutes of the Proceedings of the First Meeting (1961-62).

23. III/I/B-3. Lands and Buildings - Sparing of quarters to the Government of Mysore for use by their Officers posted at Munirabad - Orders - Sought.

Resolved that rent be recovered at 10 % of the pay of the Officer or 6% of the capital cost of the building, which ever is less in addition to the electric consumption charge at 1 % of the pay, for the quarter bearing No. A.4 which was placed at the disposal of the Government of Mysore for being used by their staff engaged on the construction of the Munirabad Power House.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 4095/E1/59).

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24. III/I/B-4. Education - Tamil & Telugu Sections in the Municipal High School at Hospet - Continuance during the year 1961-62 with the school year and under the system of education as obtaining in Madras (Composite) State - Orders - Sought.

Resolved that sanction be accorded to the continuance of Tamil and Telugu sections attached to the Municipal High School, Hospet for the year 1961-62 under the system of education and with the school year as obtained in the Madras State.

2. It was also resolved that the Government of Mysore be requested to continue these sections during the year 1961-62 and to bear a moiety of expenditure as was being done in the previous years.

3. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 2667/B1/61).

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5. III/I/B-5. Vaikunt Guest House - Addition of fir t floor - Regarding

The Board noted that, of late, a large number of visi-ors have been coming to Tungabhadra Dam and that the officer of the Irrigation Branch have been finding it difficult to provide them with accommodation. The Board further perused the plan for the first floor for the Vaikun Guest house submitted by the Government Architect and ex-officio Dire-tor of Town Planning, Mysore.

2. The Board decided that the first floor might be put up on the Vaikunta Guest House and that the stair case might be shifted to the other side. The Board also decided that the Chief Engineer, Irrigation Branch be requested to submi the estimate for its consideration at its next Meeting.

(File No. 112/B1/61).

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26. III/I/B-6. Posts and Telegraphs - Telephone Exchange at the Tungabhadra Dam - Installation of additional selectors - Requested.

The Board noted that the cost on account of installatio of a private automatic branch exchange as suggested by the Posts and Telegraphs Department earlier has gone up due to increase in the rate with effect from 1-4-1960.

2. The Board therefore decided that a private automati branch exchange with three junction lines be installed at Tungabhadra Dam as per the terms and conditions mentioned by the Posts and Telegraphs Department.

6. The Board also decided that the proportionate cost of the telephones used by Messrs. Tungabhadra Steel Products Limited be recovered annually by the Irrigation Branch.

(File No. 6237/A/57).

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27. III/I/B-7. Roads and Bridges - Construction of causeway across the halla near Bhyrapuram village of Siruguppa Taluk - Orders - Sought.

Resolved that sanction be accorded to the construction of a causeway at a cost of Rs. 6,000 for crossing the halla near Bhyrapuram village located in Siruguppa taluk at the cost of the Board without treating it as a precedent for any claims of similar nature arising in future.

(File No. 2975/B1/61)

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28. III/I/B-8. Settlement of claims - Construction of Railway bridge at 3/1 power canal - Refund of withheld amount of Rs. 16 in the final bill to Messrs. Gannon Dunkerley & Co., Madras - Orders - Sought.

Resolved that under Note 2 of para 312 (b) of the M.P. W.A. Code, sanction be accorded to the payment of a sum of Rs. 161.19 to Messrs. Gannon Dunkerley & Company for gravel packing, in connection with the construction of a bridge at 3/1 of the Power canal, as reconded at page 41 of the Measurement Book No. 618 C.

(File No. 2661/B1/59)

29. III/I/B-9. High Level Canal Scheme Stage I - struction of quarters for the Pub Health and the Medical staff - Pro sion of extra grant - Orders - Sou

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Resolved that the subject be deferred for considerat to its next meeting.

(File No. 2670/B1/

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30. III/I/B-10. High Level Canal Scheme - Stage I construction of Under Tunnel at M 58-7-100 - Acceptance of Tender - Orders - Sought.

Resolved that the tender of Shri M. Subba Reddy for structing an under tunnel at mile 58-7-100 of the High Le Canal Scheme be accepted for Rs. 1,67,626 which is 9.96 % excess over the estimated cost.

(File No. 2716/B

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31. III/I/B-11. Lands and Buildings - Transfer of Inspection Bungalow at Bapuram vi to the Panchayat Samithi, Alur - Orders - Sought.

Resolved that the Inspection Bungalow at Bapuram be transferred to the Panchayat Board, Alur along with the l

2. It was also resolved that the Inspection Bungalo given to the Panchayat Board provided it pays a sum of Rs. 6,255 being the value of the land and building as asse by the Chief Engineer, Irrigation Branch.

(File No. 2498/B1/

32. III/I/B-12. Survey report - Disposal of unser viceable stores by Public Auction Orders - Sought.

The Board noted that the Chief Engineer, Irrigation Branch had submitted proposals for the disposal of lorrie

pumps, motors and miscellaneous items in public auction in his letter No. 95/61 CE/1407 dated 18-8-60.

2. The Board decided that they might be disposed of in public auction and the sale proceeds be credited to either "Receipts and Recoveries on capital account" or the resale value of the "Tools and Plant" as the case may be.

3. The Board also decided that a sum of Rs. 1,27,625 being the book value of these articles be written off the accounts and that the sales proceeds be brought to its notice in due course.

(File No. 7112/B1/60).

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33. IV/I/B-1. Water supply - Supply of water to the Co-operative Sugar Factory at Kampli - Post-ponement of the closure period by one week during the Calender year 1961 - Regarding.

Resolved that the Low Level Canal be closed from mile 0/0 upto 155th mile from 21st April 1961 to the 20th May 1961 instead of from 16th April 1961/to 15th May 1961 during the year 1961-62.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 1679/B1/61).

34. IV/I/B-2. Irrigation - Bellary District and Taluk - Moka village - Hagari spring Channel - Failure of water supply to channel - Other arrangements - Order - Sought.

Resolved that water be let down during the year 1961-62 from the Low Level Canal to supplement the supply of water i the Hagari spring Channel to irrigate lands in Moka village subject to the condition that the water so let down is count against the quota of the Government of Mysore as was done during the previous years.

2. It was also resolved that the orders passed by th Chairman accordingly be ratified.

(File No. 10436/B1/...

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35. IV/I/B-3. Agreements and Contracts - payment at part rates to Messrs. Gannon Dunkerly and Company, Madras for work done in connection with Daroji Tunnel works pending acceptance of Agreement - Orders - Sought.

Resolved that sanction be accorded to the payment of 90% of the value of the work done in the Daroji Tunnel work of the High Level Canal by Messrs. Gannon Dunkerly and Company, Madras at the rate accepted by the Department pending finalisation of the Bank Guarantee given by the Travancore Bank.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 432/B1/61)

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36. IV/I/B-4. Agreements and Contracts - Purchase of drilling equipment from Messrs. Consolidated Pneumatic Company, Bombay - Waiver of earnest Money Deposit - Orders - Sought.

Resolved that sanction be accorded to the waiver of the earnest money deposit from Messrs. Consolidated Pneumatic Company, Bombay for supply of 25 jack hammers and their spares

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 2536/B1/61).

Lands and Buildings - Site allotted the Tungabhadra Project Milk supply Co-operative Society - Shifting to t New site - Orders - Sought.

Resolved that the Co-operative Milk colony located in the Vanka camp be shifted from the existing site to the alt native site i.e. S.No. 313 measuring an area of 3.8 acres i the same camp.

(File No. 3275/B1/59

38. IV/I/B-6. Irrigation - Krishna Delta - Second crop cultivation - Supply of Tungabhadra waters during the Calendar y 1961 - Regarding.

The Member representing the Government of Mysore state that the Planning Commission had suggested the utilisation the Tungabhadra Waters for growing the Second crop in the Krishna delta subject to the condition that the quantity of water that would be supplied each year will be settled a yc in advance and that the quantity of water would be graduall reduced as the development proceeds under the Tungabhadra I

2. The Board after some further discussion decided tha the Secretary, Tungabhadra Board may convene a meeting of t Chief Engineers (Irrigation & Electricity) of the two State at an early date in order to prepare a working table for de mining the surplus waters that may be released for growing second crop in the Krishna delta during the year 1962. The Board also decided that in preparing the working table, ne of both Irrigation and Power under the Tungabhadra Project might be kept in view.

3. The Board further decided that the Governments of Andhra Pradesh and Mysore be requested to intimate to it t ayacut under the pre-moghol channels, Rajolibanda and K.C. nals and the Krishna delta(Second crop) for the last seven

4. The Board further decided that the views of the Chief Engineers be placed before it at its next Meeting.

39. V/I/B-1. Accounts and Accounting Procedure-- Appropriation Accounts for 1959-60 - Important objections taken from the Inspection Reports of the Workshop and Machinery Division for the year 1954-5 Railway claims - Write off - Regarding.

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Resolved that a sum of Rs. 4938.40 (Rupe thousand Nine hundred thirty eight and Naye Paise forty only being the value of the following items for which the Railway have repudicated the claims of the Board be written off the accounts.

Sl.No.	Description.	Value.
1.	One petrol Can.	7.1[illegible]
2.	2 Nos. M.S. Rounds and 20 Nos. M.S. flats.	298.0[illegible]
3.	One M.S. Angle.	25.0[illegible]
4.	Cost of 3 Roller bearings and 3 Ball bearings.	240.0[illegible]
5.	Damage to the spare parts for Crawler Tractor.	2[illegible]43.0[illegible]
6.	Loss of Body sheets.	1425.2[illegible]
	Total.	4938.40

2. It was also resolved that the orders passed by th Chairman accordingly be ratified.

(File No.5618/B1/5[illegible]

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40. V/I/B-2. Valuation of the assets of th Tungabhadra Project Workshop-- Transfer to Messrs. Tungabhadra Steel Products Limited - Regardi

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Resolved that the subject be recorded.

41. V/I/B-3. Coloured photographs--Coloured photographs of Tungabhadra Dam - Administrative approval - Orders-Sought

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Resolved that the subject be deferred for considerat to its next Meeting by which time the total estimated cost for taking coloured photographs would be obtained by the Chief Engineer, Irrigation Branch from a professional photographer.

(File No.1642/B1/61)

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Charges--Recovery of Seigniorage charg for stones and sand quarried for the Tungabhadra Project works - Orders - Sought.

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The Board perused the subject and noted that a part of the works relating to Tungabhadra Dam was executed departmentally and the other part by the contractors. As it been specifically mentioned in the contract awarded to the contractors they would be supplied with materials at site, the department had to obtain stone from the Island quarry and supply it to them at the specified places. The quarryin of stone from the Island quarry or its conveyance to the specified places does not come under the works contract. As drilling, blasting or burning and reduction to sizes requir is purely a labour contract, the question of recovery of seigniorage charges from the workers who produced the stone from the Island quarry does not arise. The Board therefore decided that the Secretary, Tungabhadra Board might explain the position in person to the Accountant General, Andhra Pradesh with relevant records whenever he goes to Hyderabad

(File No.1409/B1/61).

43. VI/I/B-1. Accounts and Accounting Procedure. Payment of 90 % of value of drill in advance to Messrs. Batliboi & Company and balance after the of materials--Deviation from Orders - Sought.

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that sanction be accorded to the waive earnest Money Deposit and the payment of 90 %. value of materials in advance to Messrs. Batliboi and Company, on proof of despatch and the balance within thirty days from receipt of materials.

2. It was also resolved that the action taken Superintending Engineer, Irrigation Branch in having make advance payment in anticipation of the approval Board be ratified.

3. It was further resolved that the orders pass the Chairman accordingly be ratified.

(File No.1043/B1/61)

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44. VI/I/B-2. Accounts and Accounting Procedure-- Reserve Stock Limit for the High Level Canal Division No.III for the year 1960-61 - Sanction - Sought.

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Resolved that sanction be accorded to the fixation of Reserve Stock Limit for the High Level Canal Division No.III, Bellary at Rs. 2,40,000 (Rupees Two lakhs and forty thousands only) for the year 1960-61.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

45. VI/I/B-3. Accounts and Accounting Procedure--Fixation of storage charges for the year 1960-61 for the High Level Canal Division No.III - Orders - Sought.

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Resolved that sanction be accorded to the fixation of the Storage charges at the rate of 2 % for the High Level Canal Division No.III, Bellary for the year 1960-61.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No.1539/B1/61)

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46. VIII/I/B-1. Plant and Machinery--Rationalisation of procedure for the disposal of surplus machinery--Adoption of the Recommendation of the Government of India - Orders - Regarding.

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The Board perused the subject and decided that the suggestions contained in letter No.1 (6)/60-Policy dated 9-12-1960 and its enclosures received from the Government of India, Ministry of Irrigation and Power regarding the disposal of surplus machinery and spares be accepted in the Board area.

(File No.10545/B1/60)

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LAND ACQUISITION AND REHABILITATION ITEMS.

Establishment--Non-Gazetted--Monayya (Sri.C), Special Tahsildar, Tungabhadra Project--Drawal of excess project allowance - Waiver of - Orders-Sought.

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Resolved that sanction be accorded to the waiver of a sum of Rs. 1562--81 (Rupees one thousand five hundred and sixty two and Naye Paise eighty one) drawn by Shri C. Monayya, Special Tahsildar, Tungabhadra Project by way of excess project

allowance (the difference between 30 % and 15 %) from 1-10-1953 to 31-3-1956.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No. 712/E1/60)

48. II/L/B-2. Establishment--Travelling Allowance Bi of Shri Noor Ahmed, Special Deputy Tahsildar of the Office of the Special Assistant Commissioner No.I, Tungabhad Project, Hospet - Authorisation for preaudit and investigation of the clai Regarding.

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Resolved that under rule 20 (a) Para 2 of the Mysore Financial Code 1958, the Accountant General, Andhra Pradesh be requested to preaudit and investigate the Travelling Allowance claims of Sri. Noor Ahmed, Special Deputy Tahsilda of the Office of the Special Assistant Commissioner No.I, Tungabhadra Project, Hospet amounting to Rs. 172--67. (Rupees one hundred and Seventy two and Naye paise Sixty Seven only.

2. It was further resolved that the orders passed b the Chairman accordingly be ratified.

(File No.299/M2/61)

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Land Acquisition and Rehabilitation-- Rehabilitation of displaced persons from under the Tungabhadra Reservoir upto plus 1635 contour in Dharwar District - Regarding.

Resolved that Gangapur village situated in Dharwar District be shifted to the higher grounds. It was also resolved that the cost on account of rehabilitation be borr by the Tungabhadra Board in its entirety. An estimate of the cost should be made and put up before the Board for acceptance.

50. III/L/B-1. Land Acquisition and Rehabilitation--Tungabhadra Project--Construction of school building and a Choultry-cum-Guest House in the rehabilitated colony of Hampasagar village--Utilisation of old building materials free of cost - Sanction of - Orders - Sought.

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Resolved that sanction be accorded to the utilisation of the old building materials free of cost for the purposes of construction of a new school building and a choultry-cum-Guest house in the newly rehabilitated colony of Hampasagar village.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No.1249/M2/61)

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Land Acquisition and Rehabilitation--Provision of amenities to the residents of Venkatapur colony-Orders-Sought.

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Resolved that sanction be accorded to the provision of two wells to the inhabitants of the Venkatapur colony when they are shifted to the new site at a cost of Rs.3,000/- per well.

(File No.2379/M2/61)

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Land Acquisition and Rehabilitation--Rehabilitation of persons--Estimate for constructing a masonry well and forming a cart track from old village to the proposed colony of Gollanagenahalli village - Sanction - Sought.

Resolved that the revised sanction be accorded to the provision of amenities to the three houses of Gollanagenahalli village to be shifted at a cost of Rs. 7,050/- as detailed below:--

a) Cost of rehabilitating 3 families at 0.25 acres per family for house sites at Rs. 600/- per acre.	Rs.	450
b) Cost of well.	Rs.	4,200
c) Formation of cart-track from old village to the colony.	Rs.	2,400
	Rs.	7,050

(File No.9096/M-2/60)

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53. III/L/B-4. Land Acquisition and Rehabilitation-- Construction of a new Chavadi at Hakandi village - Sanction - Orders Sought.

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Resolved that a chavadi be constructed at a cost of Rs. 2,500/- in the rehabilitated colony of Hakandi vill-

(File No.2335/M2/61

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54. III/L/B-5. Land Acquisition and Rehabilitati... Rehabilitation of persons displaced from under the Tungabhadra Reservoir. Rehabilitation of Pura village - Orde Sought.

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The Board perused the subject and noted that village is located at a higher level. The Board further not that it has already decided to form an approach road from Madalagatta-Hampasagar to this village at a cost of Rs.9,50 The Board also noted that this village had been inspected b the Members representing the Governments of Andhra Pradesh and Mysore in the month of July 1959 when the Tungabhadra river was in high floods and that they had recommended that if an approach road were to be provided, the needs of the villagers would be fully met with.

2. The Board therefore decided that the Government Mysore be replied to accordingly.

(File No.3039/B1/57)

55. III/L/B-6. Land Acquisition and Rehabilitation. Provision of amenities to the resid of Enigibasapur colony - Sanction - Orders - Sought.

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Resolved that sanction be accorded to the provisio the following amenities at a cost of Rs. 20,000/- to the res of Enigibasapur village when they are shifted to the new s

a) Three wells at Rs. 3,500/- each.	Rs. 10,500
b) Community Hall or Chavadi.	4,500
c) Formation of earthern roads in the colony (with culverts wherever necessary).	5,000
	Rs.20,000

2. The Board further noted that the Deputy Commissi Bellary would be sending consolidated proposals for the construction of school buildings in 5 or 6 villages which to be rehabilitated consequent upon the decision taken by Board on the recommendation of the Members representing the Governments of Andhra Pradesh and Mysore regarding the rehabilitation of certain villages lying on the foreshor the Tungabhadra Reservoir.

(File No. 1499/M2/61)

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Land Acquisition and Rehabilitation. Provision of amenities to the resid of Somalapur village - Orders - Sou

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Resolved that sanction be accorded to the provisi of amenities at a cost of Rs. 18,500/- to the residents of Somalapur village when they are shifted to the new site.

HYDRO ELECTRIC ITEMS

Report on the progress and programme works on the Hydro Electric Scheme o Tungabhadra Board for the period end 31-3-1961.

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Resolved that the subject be recorded.

(File No.2915/B2/61)

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Establishment--Gazetted--Ramachandr Setty (Shri.K), Superintending Engi Hydro Electric Scheme--Sanctioning earned leave and reposting him to t same post on expiry of leave - Orde Sought.

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earned leave for three days from 5-12-1960 to 7-12-1960 with permission to prefix holiday on the 4th December, 1960 be granted to Sri. K. Ramachandra Se Superintending Engineer, Hydro Electric Scheme.

2. It was also resolved that he might be reposted the same post on the expiry of leave.

3. It was further resolved that the orders passed the Chairman accordingly be ratified.

(File No.10109/E2/60)

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Establishment--Posting of Assistar Engineer (Civil), in the Hydro Ele Scheme - Regarding.

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Resolved that Shri B. Gopinatha Rao be appointed as Assistant Engineer (Civil) in the Tungabhadra Hydro Electric Scheme with effect from the date of his joining duty in the Board area.

2. It was also resolved that the orders passed by th Chairman accordingly be ratified.

59. II/H/B-3. Establishment--Krishna Swamy (Sri.M.V); Assistant Engineer (Mechanical)--Sanctioning of privilege leave for 25 days with effect from the Forenoon of 26-9-1960 - Orders - Sought.

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Resolved that Shri M.V. Krishna swamy, Assistant Engineer (Mechanical), Operation and Maintenance Division, Tungabhadra Dam, be reposted to the same post on the expiry of privilege leave for 25 days from the forenoon of 26-9-1960.

2. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No.6849/E2/60).

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60. II/H/B-4. Establishment--Gazetted--Ramasastry (Sri.M), Deputy Chief Accountant, Hyd Electric Scheme of the Board -Regardi

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Resolved that expost-facto sanction be accorded:--

(1) to the diversion of the following posts from the offices of the Divisional Engineers, Operation & Maintenance Division, Tungabhadra Dam and Hampi to the office of the Superintending Engineer, Hydro Electric Scheme from 1-3-1958 to 30-9-1959:---

I. From the Office of the Divisional Engineer, Operation and Maintenance Division, Tungabhadra Dam:-

Name of post.	No.
Deputy Chief Accountant.	1
Upper Division Clerk.	1
Lower Division Clerks.	2
T y p i s t.	1
P e o n.	1

II. From the Office of the Divisional Engineer, Operation and Maintenance Division, Hampi:--

Name of post.	No.
Accountant.	1
Upper Division Clerk.	1
Lower Division Clerks.	2
P e o n.	1

(ii) to the payment of project allowance to the staff s diverted at the rates admissible from time to time in the Office of the Superintending Engineer, Hydro Electric Scheme

2. It was also resolved that the services of Shri M. Ramasastry, Deputy Chief Accountant be utilised from 3-3-195 to 30-9-1959 against the diverted post of Deputy Chief Accountant.

3. It was further resolved that Shri M. Ramasastry be deemed to have been transferred from the Office of the Divis Engineer, Operation and Maintenance Division, Tungabhadra Da and posted to the Office of the Superintending Engineer, Hyd Electric Scheme with effect from 1-10-1959 in view of the abolition of the post of Deputy Chief Accountant in the Offi of the Divisional Engineer, Operation and Maintenance Divisi Tungabhadra Dam and the creation of a new post in the office of the Superintending Engineer, Hydro Electric Sche

4. It was also further resolved that the orders passed by the Chairman accordingly be ratified.

61. II/H/B- Establishment--Non-Gazetted--Shikamani (Sri.K), Draftsman--Fixation of pay durir the period from 18-5-1954 to 30-9-1957 - Orders - Sought.

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Resolved that ex-post-facto sanction be accorded to the creation of a post of Draftsman in the scale of pay of Rs.150-5-180 for the period from 18-5-1954 to 30-9-1957.

2. It was also resolved that Sri. K. Shikamani, Draftsman, Hydro Electric Scheme be appointed against the post for the period mentioned above.

3. It was further resolved that the orders passed by the Chairman accordingly be ratified.

(File No.10270/E2/60)

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Establishment--Non-Gazetted--Doraiswam Pillai (Shri.A), Attender--Promotion a Lower Division Clerk under emergency provisions--Relaxation of Rule 12 (a) of the General Rules for State and Subordinate Services - Orders--Sought.

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Resolved that provisions contained in Rule 12 (a) of th General Rules for State and Subordinate Services be relaxed in favour of Sri. A. Doriswamy Pillai for being appointed as Lower Division Clerk in the existing vacancy, under rule 10 (a) (i) of the said rule as Lower Division Clerk.

2. It was also resolved that the orders passed by the Chairman accordingly be ratified.

Establishment--Provincial Workcharge Establishment--Payment of leave sala Amendment to paragraph 596 of the An Pradesh Electricity Department Manua Adoption of G.O.Ms.No.296 dated 8-2- in the Hydro Electric Scheme under t Board - Orders - Sought.

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The Board noted that it has no establishment which is borne on provincialised workcharged establishment. The B therefore decided that there is no necessity of adopting G.O No.296 dated 8-2-1961 issued by the Government of Andhra Pradesh in the Board area.

(File No.2872/E2/61)

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64. III/H/B-1. Tungabhadra Hydro Electric Scheme-- Transmission Lines - Stringing of the second 66 K.V. line between Hampi and Bellary - Delay in placing orders - Extra cost - Approval - Sought.

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Resolved that the orders be placed on Messrs. Volta Limited for the supply of metering equipment at a cost of Rs. 79,676 which is Rs. 4588/- more than their original quotation due to the price increase intimated to them by their principals.

2. It was also resolved that the action taken by the Chief Engineer for Electricity in having done so in anticipation of approval of the Board, be ratified.

3. It was further resolved that the orders passed by the Chairman accordingly be ratified.

Survey Report--Write off - 4 Nos. old lorries of the Hydro Electric Scheme - Orders - Sought.

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sum of Rs. 8000/- (Rupees Eight thousand only) being the book value of the following four lorries of the Hydro Electric Scheme which were sold in public auction at a cost of Rs. 8100/- be written off the accounts.

1) MYL 490, 2) MYL 784, 3) MYL 783 and 4) MYL 781.

2. It was further resolved that orders passed by th Chairman accordingly be ratified.

(File No.834/B2/61)

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Transmission Towers--Provision of anticlimbing devices--Estimate fo Rs. 59,400 - Sanction - Orders-So

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The Board noted that anti-climbing devices have be provided by the Chief Engineer for Electricity on the mos 66 KV transmission towers under its control and that the balance of the towers would be provided with similar devi very soon.

2. The Board therefore accorded sanction to the provision of anti-climbing devices on all the 66 KV. transmission towers under its control at a cost of Rs. 59 (Rupees fiftynine thousand and four hundreds only). The also ratified the action taken by the Chief Engineer for Electricity in having provided anti-climbing devices on most of 66 KV transmission towers in anticipation of its

Agreements and contracts--Supply c
A.C.S.R. Conductors by Messrs. Nat
Insulated Cable Company of India
Limited--Waiver of security deposi
and 90 % payment on proof of despa
Orders - Sought.

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Resolved that the deviation made by the Superin
ngineer, Hydro Electric Scheme in having waived the sec
eposit and in having agreed to pay 90 % of the total va
he orders on the proof of despatch to Messrs. National
Private Limited,
nsulated Cable Company of India/and the balance 10 % o
eceipt of materials at site, be condoned.

2. It was also resolved that the action taken b
uperintending Engineer in having done so in anticipati
approval of the Board be ratified.

3. It was further resolved that the orders pas
by the Chairman accordingly be ratified.

(File No.1311/B2/61

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68. IV/H/B-2. Agreements and Contracts--Contrac
Messrs. K.G. Khosla and Company-S
of spares for E.O.T. crane at Han
Power House - 90 % advance payme
waiver of security deposit--Orde
Sought.

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Resolved that the following terms and conditions
stipulated by Messrs. K.G. Khosla and Company for the
of spares for the 75 Ton Electrically operated Travell
crane for the Hampi Power House at a cost of Rs. 9300/
excluding customs duty, be accepted.

a) 90 % of the contract value and customs duty to be paid against railway receipt.

b) the balance amount to be paid within four months from the date of receipt of materials at Tungabhadra Dam Railway Station.

c) Waiver of security deposit.

2. It was also resolved that orders passed by the Chairman accordingly be ratified.

Agreements and Contracts--Insisting on Security Deposit on L.P.O.S. exceeding Rs.3000/- Condonation of the Deviation Orders - Sought.

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Resolved that the deviation made by the Superintending Engineer, Hydro Electric Scheme in having placed orders wit the following firms without insisting upon the payment of security deposit be condoned.

a) L.P.O. No.60 dated 13-5-1959 on Messrs. Taiyby Machinery Stores, Madras for Rs. 3,980/-.

b) L.P.O.No.63 dated 20-5-1959 on Messrs. Alluminium Industries Kundara for Rs. 4144/-

c) L.P.O.No.100 dated 5-9-1959 on Messrs. Radio Electrical Manufacturing Company Limited, Bangalor for Rs. 7909.25

d) L.P.O.No.10 dated 10-9-1959 on Messrs. Small Tools Supply and Company, Madras for Rs. 4,300/-.

2. It was also resolved that the action taken by the Superintending Engineer, Hydro Electric Scheme in having d so in anticipation of the approval of the Board be ratifie

3. It was further resolved that the orders passed by

70. IV/H/B-4. Tungabhadra Project Co-operative Stores Limited - Payment of Electrical energy charges for the building occupied by Stores at Hampi Camp - Orders - Sought.

The Board noted that the Tungabhadra Project Co-operativ Stores are paying charges for electricity consumed by them for their branch located at Hampi with effect from 1st July 1960. The Board decided that the Stores be requested to pay for electricity for the building at Tungabhadra Dam given to them free of rent with effect from 1-6-1961.

(File No.8375/B2/60)

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71. V/H/A-1. Tungabhadra Hydro Electric Scheme. Second Stage of Power Development. Fabrication of Second Low Pressur Line--Acceptance of quotations of Messrs.Tungabhadra Steel Products Limited - Orders - Sought.

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The Board considered the subject and ratified the ac taken by the Chairman in having ordered the payment of Rs.3 lakhs to the Company for the works done by them till 31-3-1961. The Board further noted that the Government of have issued orders that the works be entrusted to Messrs. Tungabhadra Steel Products Limited subject to the conditi that they charge actuals plus 10 %.

2. The Board therefore accepted the suggestion made by Member representing the Government of Andhra Pradesh on the Board that Messrs. Tungabhadra Steel Products Limited shoul paid on the basis of actuals plus 10 % subject to a ceili limit of Rs. 8.75 lakhs for the works done and to be done them from 1-4-1960 to 31-3-1962.

3. The Board also decided that the actuals would inclu

a) Direct labour employed on the fabrication and erection of the second Low Pressure Pipe Line.

b) Direct Supervision charges for the staff employed on this work.

c) 10 % of the cost of Tools and Plant, their book value being Rs. 214380 and Rs. 3,02,518 respectively.

d) 1/5th of the total over head charges of the company.

e) Consumables and materials to be supplied by the company and transport, charges.

f) Leave salary contribution and contribution towards pension or provident fund for the staff mentioned in (a) and (b) above.

10 % will not be charged on item (e) and (f) above.

4. The Board further felt that a portion of the works would be completed after 31-3-1962. The Board therefore decided that the Company might be paid at the rate of Rs.500/- per ton for the works to be done after 31-3-1962 as indicated by the Secretary of the Company in his letter No.830/C2/60-3 dated 6-5-1961.

5. The Board further decided the same facilities which the staff of the Company were getting earlier at Hampi camp free of cost e.g. free house, 1 % of pay towards Electricity, Medical and Public Health facilities and free electricity in the shop and in the field be given to them during this period.

(File No.1838/A/55)

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Accounts and Accounting Procedure-- Revised Estimate--Administrative Approval - Orders - Sought.

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Resolved that the Revised Administrative Approval be accorded to the first stage and the second stage of the Tungabhadra Hydro Electric Scheme at a cost of Rs. 610 lakhs and Rs.235 lakhs respectively as detailed below:--

ABSTRACT FOR THE FIRST STAGE OF THE TUNGABHADRA HYDRO ELECTRIC SCHEME

Sl.No.	NAME OF WORK	PROVISION IN THE SANCTIONED ESTIMATE IN RUPEES.	revised ESTIMATES TO BE SANCTIONED IN RUPEES.
1.	WORKS.		
	(i) Dam Power House.	1,99,46,800	2,00,14,800
	(ii) Hampi Power House.	4,00,21,400	3,06,47,300
	(iii) Transmission Lines		
	(a) under Tungabhadra Board.	26,53,800	25,62,400
	(b) under ceded District	12,81,000	12,81,000
	(iv) Sub Stations.		
	(a) Under Tungabhadra Board	16, 25,000	16,47,000
	(b) Under ceded District.	15,21,000	15,21,000
2.	ESTABLISHMENT.	30,61,000	28,18,000
	~~TOOLS AND PLANTS.~~	~~11,73,000~~	~~11,44,500~~
	RECEIPT AND RECOVERIES.	(-) 83,000	(-) 6,36,000

Account No.	Name of work	Provision in the sanctioned Estimates in Rupees.	Expenditure incurred till 31-3-1961 in Rupees	Probable expenditure to be incurred in Rupees.	Revised estimate to be sanctioned in Rupees.
1.	2.	3.	4.	5.	6.
TBD 10	Preliminary surveys Investigation and Engineering.	5,000	4,942	58	5,000
TBD 20	Land and water rights	32,600	24,111	89	24,200
TBD 40	Tungabhadra Dam gates values and Steel works.	18,22,000	18,78,597	3	18,78,600
TBD 140	Penstock valves and Accessories	6,37,000	6,35,096	1,004 (-)1,65,881	6,36,100
TBD 150	Power House Buildings.	37,12,000	38,57,205	(plus) 2,60,476	39,51,800
TBD 160	Power station Generating Plant and control equipment.	x79,96,000	74,32,316	97,784	75,30,100
TBD 170	Dam Power station-- Auxiliaries	5,31,500	3,04,614	1,34,586	4,39,200
TBD 180	Tail race and Diversion works.	18,63,000	20,29,563	37	29,29,600

1.	2.	3.	4.	5.	6.
TBD 190	Power House works - Transformer station.	21,26,500	19,24,082	50,718	19,74,800
TBD 200	Permanent Roads, Buildings and culverts.	1,27,000	1,59,162	(-) 5,162	1,54,000
TBD 210	Permanent local service lines for light, Power and Telephones.	41,300	37,354	7,046	44,400
TBD 220	Permanent Buildings.	3,86,600	4,28,669	1,331	4,30,000
TBD 230	Permanent water supply, sewage of fire protection.	1,09,300	1,05,064	1,636	1,06,700
TBD 240	Permanent Tools and Equipment.	--	--	2,29,800	2,29,800
TBD 040	Temporary camps and Buildings.	5,57,000	5,80,493	7	5,80,500
		1,99,46,800	1,94,01,268	6,13,532	2,00,14,800

SAMPI POWER HOUSE (IST STAGE).

Account No.	Name of work	Provision in the sanctioned Estimates in Rupees.	Expenditure incurred till 31-3-61 in Rupees.	Probable expenditure to be incurred in Rupees.	Revised estimates to be sanctioned in Rupees.
1.	2.	3.	4.	5.	6.
TBC 10	Preliminary surveys investigation and Engineering.	94,000	94,426	74	94,500
TBC 20	Land and water rights.	3,43,300	2,99,397	6,003	3,05,400
TBC 100	Forbay and Inlake	66,60,000	60,23,693	(-) 10,225 (plus) 5,50,332	65,63,800
TBC 110	Canal Acqueduct	44,08,500	40,93,606	294	40,93,900
TBC 140	Low Pressure Pipe line.	1,12,56,000	65,37,457	(-) 5,15,457	60,22,000
TBC 150	Power House Building	32,26,000	30,00,190	(-) 87,190	29,13,000
TBC 160	Power station generating plant and control equipment.	89,41,700	53,80,366	1,42,034	55,22,400
TBC 170	Power station Auxiliary	2,96,000	1,81,928	66,072	2,48,000
TBC 180	Tail race and Diversion works	11,09,000	11,32,893	107	11,33,000
TBC 190	Power House-Transformer station.	17,96,800	11,22,523	62,177	11,84,700

Contd..

2.		3.	4.		5.	6.
TBC 200	Roads Bridges and culverts	1,86,000	1,89,071		29	1,89,100
TBC 210	Permanent - Local service lines for Light Power & Telephones.	4,91,000	1,43,850		2,00,150	3,44,000
TBC 220	Permanent Buildings.	6,22,000	10,19,272	(-)	7,972	10,11,300
TBC 230	Permanent water supply - sewage and fire protection	1,72,800	2,22,101		1,40,899	3,63,000
TBC 240	Permanent Tools and Plant.	55,000	5,488		2,87,512	2,93,000
TBC 040	Temporary camps and Buildings.	3,63,300	3,64,301		1,899	3,66,200
	Total	4,00,21,400	2,98,10,562		8,36,738	3,06,47,300.

2.	3.	4.		5.	6.
		CEDED DISTRICT SCHEME.			
Transmission lines	12,81,000			12,81,000	12,81,000
Sub Station.	15,21,000			15,21,000	15,21,000
Total	28,02,000			28,02,000	28,02,000
		OTHER CHARGES.			
Establishment.	30,61,000	27,94,248		25,752	28,18,000
Tools and Plant.	11,73,000	17,38,077	(-)	5,98,577	11,44,500
Receipt & Recoveries.	(-) 85,000	(-) 6,35,323	(-)	672	(-)6,35,000

TRANSMISSION LINES (IST STAGE).

Account No.	Name of work	Provision in the sanctioned estimates in Rupees.	Expenditure incurred till 31-3-61 in Rupees.	Probable Expenditure to be incurred in Rupees.	Revised Estimates to be sanctioned in Rupees.
1.	2.	3.	4.	5.	6.
TBC 410	Canal Power House to Bellary 66 K.V. D.C.	15,74,600	15,98,995	59,405	16,58,400
TBC 470	Tungabhadra Dam to canal Power House 66 K.V. Lines.	8,98,200	7,22,950	50	7,23,000
TBC 500	Tungabhadra Dam to canal power House Telephone lines.	67,000	45,406	21,594	67,000
TBC 500 A.	Canal Power House to Bellary -Telephone line.	1,14,000	41,486	72,514	1,14,000
	TOTAL	26,53,800	24,08,837	1,53,563	25,62,400

SUB STATION (IST STAGE).

TBC 730	Extension to Bellary sub station	16,25,000	15,97,922	49,078	16,47,000
	Total	16,25,000	15,97,922	49,078	16,47,000

ABSTRACT FOR THE SECOND STAGE OF THE TUNGABHADRA HYDRO ELECTRIC SCHEME.

Sl.No.	Name of Work	Amount Provided in Rupees.
1.	Works.	
	i) Main Power House.	84,75,000
	ii) Hampi Power house.	1,34,99,000
2.	Establishment.	10,99,700
3.	Tools and Plant	5,00,000
4.	Other suspense Accounts.	----------
5.	Receipt and Recoveries.	(-) 72,700
		2,35,00,000

DAM POWER HOUSE
SECOND STAGE.

Account No.	Name of work.	Amount provided in Rupees.
TBD 10	Preliminary surveys, Investigation & Engineering.	5,000
TBD 20	Land and Water.	---
TBD 40	Gates, Valves and steel works.	---
TBD 140	Penstock valves and Accessories.	3,00,000
TBD 150	Power House Building.	6,50,000-
TBD 160	Power House Generating Plant and controlling equipment.	49,00,000-
TBD 170	Power Station Auxiliaries.	---
TBD 180	Tail race and Diversion works.	1,55,000-
TBD 190	Power House work - Transformer station.	6,95,000
TBD 200	Permanent Roads, Bridges & culverts.	---
TBD 210	Permanent - Local Service line for light, Power and Telephone.	---
TBD-220	Permanent Building.	15,50,000.
TBD-230	Water supply, sewage and fire protection.	---
TBD 240	Permanent Tools and equipment.	1,80,000.
TBD 040	Temporary camps and Buildings.	40,000
	TOTAL	84,75,000.

HAMPI POWER HOUSE (SECOND STAGE).

Account No.	Name of work.	Amount provided in rupees.
TBC 10	Preliminary surveys Investigation	5,000
TBC 20	Land and water rights.	---
TBC100	Forbay and Inlake	---
TBC 110	Canal Acquiduct	---
TBC 140	Low Pressure Pipe Line.	67,55,500
TBC 150	Power House buildings.	6,50,000
TBC 160	Power station generating plant and controlling equipment.	45,00,000
TBC 170	Power staion Auxiliary	---
TBC 180	Tail race and Diversion work.	---
TBC 190	Power House Transformers station	7,60,500
TBC 200	Roads, Buildings and culverts	---
TBC 220	Permanent Building.	6,18,000
TBC 230	Permanent water sewage and fire protection.	30,000
TBC 240	Permanent tools and Plant.	1,30,000
TBC 040	Temporary camps and buildings.	50,000
	TOTAL	1,34,99,000

Accounts and Accounting Procedure-- Earnest Money Deposit - Acceptance of deposit in the form other than treasury chalans - Orders - Sought.

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Resolved that the deviation from the Andhra Pradesh Treasury Code, made by the Superintending Engineer, Hydro Electric Scheme, in having accepted earnest money deposits in following cases in the forms other than Treasury Chalan

QUATER RETURN OF EARNEST MONEY DEPOSITS ACCEPTED IN THE SHAPE OF (OTHER THAN CHALLANS) DEMAND DRAFTS ETC. FOR PERIOD ENDING 31-12-1960.

Sl. No. 1.	Name of the work. 2.	Name of Bidder. 3.	D.D. No. 4.	Amount. 5.	Remarks. 6.
1.	Collection of sand at Hampi Camp for 60-61.	Sri B.Jambanna.	B.368803 on Reserve Bank of India issued by S.T.O., Mallapuram.	555-00	Tender accepted and the amount remitted into the treasury vide challan No.
2.	do-	Sri O.S.S. Varadan	E.00850 of the State Bank of Mysore Hospet.	555-00	Tender rejected.
3.	do-	Sri Md. Noorallah	E.173127 of the State Bank of Mysore Hospet	555-00	-do-
4.	do-	Sri M.Venkatta Reddy.	B.368802 issued by the S.T.O. Mallapuram.	555-00	-do-
5.	do-	Sri S.Hastimal	B.365400 of Reserve Bank of India, issued by S.T.O. Mallapuram.	555-00	-do-
6.	Construction of Lavatory.	Sri M.Thatayya	D.D. H.P.T. No.067695/ dated 4-11-60 of Canara Industrial & Banking Syndicate Ltd. Hospet.	40-00	-do-
7.		Bh vani tamaswamy.	Provisory Note M.S. 044995	100-00	-do-

1.	2.	3.	4.	5.	6.
8.	Extention of School Building at Hampi Camp.	Sri M.Thatayya	D.D. No. C.I. & Syndicate Ltd. HPT No.067694/322 dated 4-11-1960	275-00	Tender rejected.
9.	-do-	Sri Bhavani Ramaswamy	M.S. 044994/Provinsory Note of Govt. of Madras.	100-00	-do-
10.	-do-	Sri Bhavani Ramaswamy	M.S.001542 Provinsory Note of Government of Madras.	100-00	-do-
11	-do-	-do-	M.S.44993 Provinsory Note of Government of Madras.	100-00	-do-

2. It was further resolved that the action taken by the Superintending Engineer, Hydro Electric Scheme in having done so in anticipation of the approval of the Board be ratified.

3. It was also resolved that the orders passed by the Chairman accordingly be ratified.

(File No.1349/B2/61)

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74. VI/H/B-2. Accounts and Accounting Procedure-- Adoption of Average Pricing method - Percentage of levy of over-head charges for the period from 31-12-1960 to 30-6-1961 - Orders - Sought.

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Resolved that the storage charges for the half year ending 30-6-1961 for the Central Stores and the Hampi Stores be fixed at 9.90 % and 14.01 % respectively.

2. It was further resolved that the Chief Engineer for Electricity be requested to reduce the establishment charges for both the stores as far as possible:

(File No.234/B2/61)

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P A R T II.

Note on action taken and still to be taken in implementing the decisions of the Board.

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R e c o r d e d.

SPECIAL SUBJECTS.

High Level Canal - Constructing an unde tunnel at mile 60-2-00 - Acceptance of tender - Regarding.

Resolved that the tender of Shri M.C. Subba Reddy for the construction of an under tunnel at mile 60-2-00 of the High Level Canal be accepted at Rs. 49,401 which is 10.71 % excess over the estimated cost.

2. It was further resolved that the Chief Engineer, Irrigation Branch be requested to negotiate with the contrac for the reduction of rate for item No.7 i.e. Coursed rubble masonry second sort in cement mortar 1: 6 for abutments, wi and returns etc.

(File No.3977/B1/61)

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Land Acquisition and Rehabilitation-- Period for completion of the - Regarc

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The Board noted that the works relating to the land acquisition and rehabilitation of the villages coming under plus 1630 and plus 1635 contours have not been progressing as anticipated.

2. The Board therefore decided that Tungabhadra Board may draw a calendar of events in consultat with the Special Assistant Commissioner No.I and the Rehabil tation Tahsildar and send a copy of it to the Member representing the Government of Mysore. The Board further decided that the Government of Mysore be requested to post the following staff under Special Assistant Commissioner No. for the purposes of construction of chavadies, wells, etc. fc rehabilitation works.